



STIC Search Report

EIC 3600

STIC Database Tracking Number: 146043

TO: Igor Borissov
Location: CPK 5 7C22
Art Unit : 3629
Monday, February 28, 2005

Case Serial Number: 09/964133

From: Bode Akintola
Location: EIC 3600
PK5-Suite 804, 8A01
Phone: 308-6150

Olabode.akintola@uspto.gov

Search Notes

Examiner Igor,

Please find enclosed the results of your search request.

If you need a refocus, let me know.

Thanks,

Bode

113

146043



STIC EIC 3600 Search Request Form

Please
Rush
Joseph Thomas

Today's Date: 2/24/2005 Priority Date: 05/27/2000 For 705 Searches list subclass:

Your Name Igor Borissov
AU 3629 Examiner # 79247
Room # CPK5-7C22 Phone 305-4649
Serial # 09/964, 133

Is this a Rush? ☒ YES ☐ NO
SPE's Signature _____
Is this a first action amendment? YES NO
Is this a refocus? YES NO
Access # _____

JOSEPH THOMAS
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 3600

What is the focus of this search? Please include concepts, synonyms etc.
Attach a copy of the abstract, pertinent claims and your East search strategy. Thanks.

- installing (deploying) energy saving (efficient) equipment at user(s) site
- measuring saved energy
- selling saved energy to the user(s) at a price that is less than the price of energy purchased from an energy generating company.

STIC Searcher _____ Phone _____
Date picked up _____ Date completed _____



02-24-03

Set	Items	Description
S1	2	AU=(TABER W? OR TABER, W?)
S2	14047360	INSTALL? OR REPLACE? OR REPLACING OR EXCHANG? OR OFFER? OR DEPLOY?
S3	286288	(ENERGY OR POWER OR ELECTRIC? OR UTILIT???) (5N) (EFFICIEN? - OR SAVE? ? OR SAVING?)
S4	112732	(SAVE? ? OR SAVING?) (7N) (MEASUR? OR CALCULAT? OR DETERMIN? OR COMPUTE OR COMPUTES OR COMPUTING OR ESTIMAT?)
S5	1557347	DISCOUNT? OR REBATE OR INCENTIVE?
S6	9526878	(MORE OR HIGHER OR LESS? OR LOWER OR GREATER OR INCREASE? - OR DECREAS?) (2N) (THAN OR RATE? ?)
S7	474976	(REDUC??? OR LOWER) (2N) (PRICE OR CHARG??? OR RATE? ?)
S8	23373	S2(5N)S3
S9	787	S8(30N)S4
S10	12163460	SELL??? OR BUY??? OR RESELL? OR ACQUIR? OR PURCHAS? OR SOLD
S11	924410	S10(10N) (S5 OR S6 OR S7)
S12	10	S9(S)S11
S13	239	S8(S)S11
S14	161	S13 NOT PY>2000
S15	153	S14 NOT PD=20000527:20050527
S16	108	RD (unique items)
S17	102	S16 NOT S12

? show file

File 9:Business & Industry(R) Jul/1994-2005/Feb 25
(c) 2005 The Gale Group

File 15:ABI/Inform(R) 1971-2005/Feb 26
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File 16:Gale Group PROMT(R) 1990-2005/Feb 28
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File 148:Gale Group Trade & Industry DB 1976-2005/Feb 28
(c)2005 The Gale Group

File 160:Gale Group PROMT(R) 1972-1989
(c) 1999 The Gale Group

File 275:Gale Group Computer DB(TM) 1983-2005/Feb 28
(c) 2005 The Gale Group

File 621:Gale Group New Prod.Annou. (R) 1985-2005/Feb 28
(c) 2005 The Gale Group

File 636:Gale Group Newsletter DB(TM) 1987-2005/Feb 28
(c) 2005 The Gale Group

12/3,K/1 (Item 1 from file: 15)
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02758273 629222541
Tax Policy and Global Warming
Duff*, David G
Canadian Tax Journal v51n6 PP: 2063-2118 2003
ISSN: 0008-5111 JRNL CODE: ACTJ
WORD COUNT: 27179

...TEXT: rebates. In the Netherlands, for example, a 40 percent tax credit for investments in energy- **saving measures** was introduced in 1997.(188) In Oregon, a business energy tax credit provides a 35 percent credit against state business taxes for investments in approved **energy - efficiency** investments.(189) Montana and Hawaii **offer** income tax credits for investments in residential energy conservation, while Connecticut provides an income tax...

...commercial buildings are exempt from provincial sales tax.(193) Similarly, the Ontario government provides a **rebate** for provincial sales taxes on **purchases** of energy-efficient clothes washers, refrigerators, and dishwashers purchased after November 25, 2002 and before...

12/3,K/2 (Item 1 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
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02451505 Supplier Number: 43231003 (USE FORMAT 7 FOR FULLTEXT)
Water-Saving Devices Offer Growth Potential
Discount Store News, v0, n0, p65
August 17, 1992
Language: English Record Type: Fulltext
Document Type: Magazine/Journal; Trade
Word Count: 1492

... by 20% to 50%.
In San Francisco, Pacific Gas & Electric offers up to a \$4 **rebate** for every 2.5 GPM shower head their customers **buy**, Jones said, as a gas and **electricity** - not water- **saving measure**. Other gas and **electricity utilities** also **offer** rebates on shower heads to curb energy use. Seattle has given 50,000 inexpensive shower...

12/3,K/3 (Item 2 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2005 The Gale Group. All rts. reserv.

02206549 Supplier Number: 42874048 (USE FORMAT 7 FOR FULLTEXT)
School District Energy Manager Offers Program Funding Tips
Energy User News, p4
April, 1992
Language: English Record Type: Fulltext
Document Type: Magazine/Journal; Tabloid; Trade
Word Count: 661

... offer payback-reducing rebates specially earmarked for schools.
Consider, but avoid, shared savings arrangements. Contractors **offer** shared **savings** deals because **energy savings** can easily be realized.

If you can afford to fund a project, or can fund it through loans or grant, keep all of the **savings** for the school.

Determine if your state has joint purchasing agreements. If state agencies band together to **buy** products in bulk, vendors will often provide significant **discounts**. Joint **purchasing** power can make some equipment free by bringing the cost down to the amount of...

12/3,K/4 (Item 1 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB
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07556325 SUPPLIER NUMBER: 15880403 (USE FORMAT 7 OR 9 FOR FULL TEXT)
CONSUMERS POWER ANNOUNCES NEW ENERGY EFFICIENCY INITIATIVES

PR Newswire, p1101DE021

Nov 1, 1994

LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT

WORD COUNT: 340 LINE COUNT: 00031

... compact fluorescent light bulbs. Customers with electric water heaters may further qualify for the free **installation** of several **energy - saving measures** under the **utility 's Free Installations** program.

For non-residential customers, Consumers Power announces four new options.

-- Thermal Energy Storage: Rebates for customers who install thermal energy storage systems.

-- Prescriptive Rebates: Rebates for 18 **energy- saving measures** including lighting, motors and agricultural equipment.

-- Custom Rebates: Rebates for energy-saving technologies including compressed...

12/3,K/5 (Item 2 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2005 The Gale Group. All rts. reserv.

06127017 SUPPLIER NUMBER: 12520220 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Water-saving devices offer growth potential.

Halverson, Richard

Discount Store News, v31, n16, p65(3)

August 17, 1992

ISSN: 0012-3587 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT

WORD COUNT: 1550 LINE COUNT: 00120

... every 2.5 GPM shower heads their customers buy, Jones said, as a gas and **electricity** --not water- **saving measure**. Other gas and **electricity utilities** also **offer** rebates on shower heads to curb energy use. Seattle has given 50,000 inexpensive shower...

12/3,K/6 (Item 3 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2005 The Gale Group. All rts. reserv.

05906211 SUPPLIER NUMBER: 12381713 (USE FORMAT 7 OR 9 FOR FULL TEXT)
School district energy manager offers program funding tips. (San Mateo

County Office of Education's Peninsula Energy Center's energy manager, Lou Boccaleoni)

Bryant, Frank

Energy User News, v17, n4, p4(2)

April, 1992

ISSN: 0162-9131

LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT

WORD COUNT: 710

LINE COUNT: 00057

... school.

* Determine if your state has joint purchasing agreements. If state agencies band together to **buy** products in bulk, vendors will often provide significant **discounts**. Joint **purchasing** power can make some equipment free by bringing the cost dow to the amount of...

12/3,K/7 (Item 4 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB

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05863834 SUPPLIER NUMBER: 12126552 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Smaller, faster components make notebook upgrades more appealing.

(discussions, product introductions at Lap & Palmtop conference in New York, NY) (Product Announcement)

Morgan, Cynthia

Government Computer News, v11, n10, p21(2)

May 11, 1992

DOCUMENT TYPE: Product Announcement

ISSN: 0738-4300

LANGUAGE:

ENGLISH

RECORD TYPE: FULLTEXT; ABSTRACT

WORD COUNT: 756

LINE COUNT: 00059

...ABSTRACT: also introduced the new power-conserving 387SL Mobile Math CoProcessor, which shuts itself down between **calculations** to **save** 30 percent of the energy standard math chips use. The new chip works with the 80386SX and 80386SL microprocessors, although it **offers** better **power savings** with the 80386SL.

12/3,K/8 (Item 5 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB

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05780924 SUPPLIER NUMBER: 11965211 (USE FORMAT 7 OR 9 FOR FULL TEXT)

CONSUMERS POWER INITIATES \$65 MILLION CONSERVATION PROGRAM

PR Newswire, 0302A3818

March 2, 1992

LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT

WORD COUNT: 635

LINE COUNT: 00056

... income, which provide a rebate towards the purchase of high-efficiency appliances and other energy **saving measures** ;

For commercial and industrial electric customers of Consumers Power the following Reduce the Use services will be offered in April 1992:

-- For small customers, free **installation** of various **energy** - conserving devices, including **efficient** lighting;

-- For larger customers, rebates to cover partial costs for installing energy-conservation measures, including...

12/3,K/9 (Item 6 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB

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04832178 SUPPLIER NUMBER: 09576203

(USE FORMAT 7 OR 9 FOR FULL TEXT)

\$1.25 billion at stake in legislative hearing Friday. (Nordic Power Inc.)

(includes text of statement by Nordic Power Inc.) (transcript)

PR Newswire, 1107DE007

Nov 7, 1990

DOCUMENT TYPE: transcript LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
WORD COUNT: 595 LINE COUNT: 00049

... is currently putting a 440-megawatt power plant back into service in Kalamazoo. It's **estimated** that accepting Baardson's **offer** would **save** Consumers **Power** ratepayers about \$2 billion over the 30-year life of Nordic's power plant.

To...

12/3,K/10 (Item 7 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB

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03883030 SUPPLIER NUMBER: 07448357 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Product showcase: products eligible for rebates. (buyers guide)

Energy User News, v14, n3, p19(5)

March, 1989

DOCUMENT TYPE: buyers guide ISSN: 0162-9131 LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT

WORD COUNT: 5802 LINE COUNT: 00583

... watt to 95-watt: 90 cents. 215-watt to 185-watt: \$1.50. Standard ballast **replaced** with **energy - efficient** ballast: \$1.50. **Calculated** Rebates: 1 cents/kwh for energy **saved** for the rated life of the lighting system, up to 5 years. MOTORS: From 5...Incandescent to compact fluor.: \$3.50-\$5. Elliptic reflectors: \$1.50. Custom Lighting Rebate is **calculated** based on the number of kwh **saved** and the useful life of various retrofit **measures** including **installation** of **energy - efficient** lamps, ballasts, reflectors, occupancy sensors, etc. THERMAL STORAGE: \$200 per kw, shifted from util.'s...

17/3,K/1 (Item 1 from file: 9)
DIALOG(R)File 9:Business & Industry(R)
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1822221 Supplier Number: 01822221 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Offer's supply cost benefit analysis proves woefully vague
(Offer believes that multi-million pound costs of introducing domestic
supply competition will be easily outweighed by more than Pd6billion of
benefit)

Power UK, n 38, p 19

April 23, 1997

DOCUMENT TYPE: Newsletter ISSN: 0192-1541 (United Kingdom)

LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 3052

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:

...outlined four main benefits of domestic supply competition which it says
could yield benefits of **more** than Pd6bn. These are :

More **efficient** contracting for **electricity purchases** . **Offer**
believes that Pd3bn of the total savings will accrue from more efficient
purchasing by suppliers...

17/3,K/2 (Item 2 from file: 9)
DIALOG(R)File 9:Business & Industry(R)
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1336851 Supplier Number: 01336851 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Results of energy saving campaign
(According to Juan Manuel Eguiagaray, over 300,000+ Spanish homes will have
energy saving appliances by the end of 1995)

Power in Europe, n 212, p 22

November 17, 1995

DOCUMENT TYPE: Newsletter ISSN: 0955-6079 (United Kingdom)

LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 141

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:

...homes will have incorporated energy saving light bulbs, lamps, fridges
and central heating systems.

Individual **utilities** have adopted additional **saving** schemes. The three
Catalan **utilities** , Fecca, Enher and Hidruna, are **offering** cash
incentives to people who **buy** low-consumption appliances. For example,
Pta750 (\$6.15) for every old lamp to those who...

17/3,K/3 (Item 3 from file: 9)
DIALOG(R)File 9:Business & Industry(R)
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1318228 Supplier Number: 01318228 (USE FORMAT 7 OR 9 FOR FULLTEXT)
IEA urges Russian gas reforms
(IEA report urges freeing of natural gas prices and ending Gazprom's
monopoly to develop the industry)

East European Energy Report, n 49, p 20
October 27, 1995
DOCUMENT TYPE: Newsletter ISSN: 0965-3503 (United Kingdom)
LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 924

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:

...In addition, and for commercially-based interruptible contracts to be introduced to act as an **incentive** to gas **purchasers** "to refrain from taking gas under peak demand conditions and should thereby save capital". Finally...

...by introducing supply, metering and control equipment, and encouraging private sector investment in manufacturing and **installation** of **energy efficient** appliances and equipment.

* **Energy** Policies of the Russian Federation, IEA, Tel: (+331) 45.24.98.73, Fax: (+331) 45...

17/3,K/4 (Item 4 from file: 9)
DIALOG(R)File 9:Business & Industry(R)
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1079913 Supplier Number: 01079913

Estimulo ao uso de lampadas eficientes

(Paulista de Forca e Luz (Brazil) conducted a successful energy-saving program with the sale of fluorescent lamps)

Gazeta Mercantil, p 13

November 30, 1994

DOCUMENT TYPE: Business Newspaper (Brazil)

LANGUAGE: Portuguese RECORD TYPE: Abstract

ABSTRACT:

The Brazilian electric power distributor company CPFL (Companhia Paulista de Forca e Luz) **sold more than** 26,000 fluorescent lamps of the latest design in three municipalities of Sao Paulo. The lamps, that **save** up to 80% **energy**, were **offered** for a subsidized price supported by the producers as a way to stimulate consumers to...

17/3,K/5 (Item 1 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
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01986579 49472083

Knoxville contractor capitalizes on manufacturer and utility partnerships

Anonymous

Air Conditioning, Heating & Refrigeration News v209n4 PP: 77 Jan 24, 2000

ISSN: 0002-2276 JRNL CODE: ACHR

WORD COUNT: 512

...ABSTRACT: in Knoxville, Tennessee, likes to think his success has as much to do with special **incentives** as it does with **selling** skills. The Tennessee Valley Authority, a federal corporation that produces electric power, works with contractors in the Knoxville region to **offer** rebates to customers who have **energy - efficient** systems using Puron refrigerant R-410A. Another benefit of the association with TVA is Cantrell...

17/3,K/6 (Item 2 from file: 15)

DIALOG(R)File 15:ABI/Inform(R)

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01887035 05-38027

Ecological airport

Schwartz, Adele C

Air Transport World v2n3 (ATW's Airport Equipment & Technology Supplement)

PP: 12-16 Fall 1999

ISSN: 0002-2543 JRNL CODE: ATW

WORD COUNT: 2017

...TEXT: of the buildings on the military base were demolished, materials from them were salvaged and **sold** or recycled into the new airport. **More than** 700 military housing units were relocated and reused. The airport's new facilities have been designed to be **energy - efficient**, and **power** -capturing solar panels have been **installed** on the property. Austin-Bergstrom has a significantly lower noise impact on residents than the...

17/3,K/7 (Item 3 from file: 15)

DIALOG(R)File 15:ABI/Inform(R)

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01724823 03-75813

EPAct: A look at motors one year later

Bonifas, Jim

Air Conditioning, Heating & Refrigeration News v205n6 PP: 12-14 Oct 12, 1998

ISSN: 0002-2276 JRNL CODE: ACHR

WORD COUNT: 1273

...TEXT: paid for an energy-efficient motor is paid back within one year or less.

When **replacing** existing operating equipment with **energy - efficient** motors, the entire **purchase** price (less any available **rebate**), along with installation costs, must be considered.

Naturally, when users replace standard-efficiency motors with...

17/3,K/8 (Item 4 from file: 15)

DIALOG(R)File 15:ABI/Inform(R)

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01610161 02-61150

For restaurant owners, truly competitive electricity markets are about choice

Brier, M William

Nation's Restaurant News v32n14 PP: 32, 62 Apr 6, 1998

ISSN: 0028-0518 JRNL CODE: NRN

WORD COUNT: 979

...TEXT: are to evolve.

The new electricity market structure is attracting many suppliers who want

to **sell** you power. **More than** 200 companies in California alone have already have registered as energy providers. Besides selling you...

...to help you get the most value from your energy dollars, too. You'll be **offered**, among other things, **energy** audits, **energy - saving** improvement design and financing, equipment **installation** and maintenance, and often a guarantee that the promised energy saving indeed will appear.

Proposed...

17/3,K/9 (Item 5 from file: 15)
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01572392 02-23381

Electricity deregulation must protect consumer

Brier, M William

Nation's Restaurant News v32n3 PP: 30 Jan 19, 1998

ISSN: 0028-0518 JRNL CODE: NRN

WORD COUNT: 738

...TEXT: are to evolve.

The new electricity market structure is attracting many suppliers that want to **sell** you power. **More than** 60 companies in California alone already have registered as energy providers. Besides selling you power...

...to help you get the most value from your energy dollars, too. You'll be **offered**, among other things, **energy** audits, **energy - saving** improvement design and financing, equipment **installation** and maintenance, and often a guarantee that the promised energy saving indeed will appear.

But...

17/3,K/10 (Item 6 from file: 15)
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01317877 99-67273

Industry corner: Lighting the way: The U.S. lamp industry, 1985-2005

Babington, Mary F; Moberg, Christopher R

Business Economics v31n4 PP: 53-56 Oct 1996

ISSN: 0007-666X JRNL CODE: BEC

WORD COUNT: 2686

...TEXT: is considered the leader in metal-halide lighting. These lamps, when combined with incandescent bulbs, **offer** both **energy savings** and a near-perfect emulation of natural sunlight. Again, fixtures and lamps are far **more** costly **than** traditional ones, but these designer units are finding **buyers** in offices, hotels, and even residences. However, the current major effort as far as homes...

17/3,K/11 (Item 7 from file: 15)
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01159335 98-08730

Power marketing focus shifts

Hazan, Earl

Transmission & Distribution World v48n1 PP: 62-69 Jan 1996

ISSN: 0041-1280 JRNL CODE: TMD

WORD COUNT: 3151

...TEXT: cooperative agreement that made use of resources for everyone's benefit. As newer and more **efficient** generators were **installed**, **utilities** agreed to buy the lower-cost power from a neighbor, rather than to fire up...

...significant excess of requirements during certain hours of the day, encouraging the utility to seek **buyers** of the power at prices that were **lower than** actual production costs. This power was categorized as dump power because the utility owning that...

17/3,K/12 (Item 8 from file: 15)

DIALOG(R)File 15:ABI/Inform(R)

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00819268 94-68660

High efficiency motors from the future

Schwind, Gene F

Material Handling Engineering v49n2 PP: 31 Feb 1994

ISSN: 0025-5262 JRNL CODE: MTH

WORD COUNT: 599

...TEXT: motors.

With guaranteed maximum energy efficiency, the motors allow only 10 percent loss variance. **en replacing** standard **efficiency** motors with the E Master, **power savings** accrue as long as the motor is in use. The energy saved will offset the initial **purchase** cost in **less than** three years. A one horsepower motor will pay back faster than a 10 horsepower motor...

17/3,K/13 (Item 9 from file: 15)

DIALOG(R)File 15:ABI/Inform(R)

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00752947 94-02339

When the rain stopped falling

Kennedy, Murray D

Public Utilities Fortnightly v131n16 PP: 21-24 Sep 1, 1993

ISSN: 0033-3808 JRNL CODE: PUF

WORD COUNT: 1470

...TEXT: domestic water heating cuts, while others encouraged voluntary reductions.

One South Island power company, Dunedin **Electricity**, proved particularly innovative. Its Hydro **Saver** Incentive Rebate scheme **offered** consumers financial incentives to save and yielded 18-percent savings with no customer supply interruptions. As a result of the savings, **more than** NZ\$3 million was slashed off Dunedin Electricity's ECNZ **purchases** and then rebated to consumers in proportion to individually estimated savings.

Forced interruptions of certain...

17/3,K/14 (Item 10 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
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00749654 93-98875

Choosing the best personal printer

Heid, Jim

Macworld v10n9 PP: 116-124 Sep 1993

ISSN: 0741-8647 JRNL CODE: MAW

WORD COUNT: 3727

...TEXT: this article was going to press. Two members of Lexmark's IBM LaserPrinter 4039 family **sell for less than** \$2000--the 10-ppm LaserPrinter 403910R (\$1599) and the 12-ppm LaserPrinter 4039-12R (\$1999...

...dpi output and offers text and gray-scale resolution enhancement. The 4039 printers also provide **energy - saving** automatic **power -down** features.

Other new **offerings** that were released at press time are GCC's BLP Eclipse line--PostScript Level 2...

17/3,K/15 (Item 11 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
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00655583 93-04804

Excluding Utility Rebates from Gross Income

Bird, Bruce M.

CPA Journal v62n12 PP: 58-60 Dec 1992

ISSN: 0732-8435 JRNL CODE: CPA

WORD COUNT: 877

...TEXT: 91-36 classifies both the electric utility's load control and load management non-cash **incentive rebate** programs as nontaxable **purchase** price reductions. Given the reluctance of the Treasury Department to create further statutory exemptions from...

...income, Rev. Rul. 91-36 gives a welcome but limited measure of relief to certain **electric utility** customers who **install energy - saving** devices.

17/3,K/16 (Item 12 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
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00531941 91-06285

Sorting Out Fluorescent Ballast Options

Hagar, Jim

Plant Engineering v45n1 PP: 45-47 Jan 10, 1991

ISSN: 0032-082X JRNL CODE: PLG

...ABSTRACT: use with the 3 most popular types of fluorescent lamps and represent 80% of the **more than** 70 million fluorescent lamp ballasts **sold** each year. These ballasts, in conjunction with the lamps that they regulate, account for nearly...

...returns economic benefits in the form of reduced energy and demand charges on the plant **electric** bill and long-term **savings** in the form of future **replacement** costs. Three generic families of premium-efficiency ballasts are currently available: electromagnetic, hybrid, and electronic.
...

17/3,K/17 (Item 13 from file: 15)

DIALOG(R)File 15:ABI/Inform(R)

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00450361 89-22148

An Evaluation of Consumer Awareness and Use of Energy Labels in the Purchase of Major Appliances: A Longitudinal Analysis

Dyer, Robert F.; Maronick, Thomas J.

Journal of Public Policy & Marketing v7 PP: 83-97 1988

ISSN: 0743-9156 JRNL CODE: JMP

...ABSTRACT: purchase decisions. Several implications for marketing seem to flow from the findings: 1. Manufacturers should **offer** a wide range of **energy efficient** models. 2. Refrigerator **purchasers** seem **more** energy conscious **than** washer **buyers**. 3. The increase in energy-efficient features seems to come at the expense of brand...

17/3,K/18 (Item 14 from file: 15)

DIALOG(R)File 15:ABI/Inform(R)

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00132380 81-02135

Electrical Equipment

Sloan, Allan

Forbes v127n1 PP: 138, 140 Jan 5, 1981

ISSN: 0015-6914 JRNL CODE: FBR

...ABSTRACT: product in the ultraefficient electric motor. Introduced about a year ago, the new motors are **selling** well. Carrying premium prices and **higher - than** -normal profit margins, the new motors are taking about 7% of the market. The new...

...from 1-150 horsepower for applications that involve almost continuous operations. The new line of **energy - efficient** motors **offers** a refinement of existing motor technology. The new motors utilize more copper, a higher grade...

17/3,K/19 (Item 1 from file: 16)

DIALOG(R)File 16:Gale Group PROMT(R)

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07276017 Supplier Number: 61758538 (USE FORMAT 7 FOR FULLTEXT)

ENERGYguide.com and LowerMyBills.com Partner to Provide Consumers With Expanded Information on Energy Choices.

PR Newswire, p7956

April 27, 2000

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 804

... more than 400 electricity and gas choices from over 100 different

energy merchants. ENERGYguide.com offers more than 200 energy-efficient products, representing over 40 major manufacturers, for purchase online. ENERGYguide.com is not an affiliate of any energy company.

17/3,K/20 (Item 2 from file: 16)

DIALOG(R)File 16:Gale Group PROMT(R)

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07154377 Supplier Number: 60836521 (USE FORMAT 7 FOR FULLTEXT)

Shell Oil to form online energy marketplace.(Brief Article)

Purchasing, v128, n4, pS91

March 23, 2000

Language: English Record Type: Fulltext

Article Type: Brief Article

Document Type: Magazine/Journal; Trade

Word Count: 435

... a hard sell because--although the large energy companies are in competition--their combined purchasing power will offer savings that can't be ignored. He says the portal will be attractive to suppliers because, more often than not, they sell products and services to the same clientele.

17/3,K/21 (Item 3 from file: 16)

DIALOG(R)File 16:Gale Group PROMT(R)

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07142950 Supplier Number: 60829066 (USE FORMAT 7 FOR FULLTEXT)

ENERGYguide.com Announces over \$7 Million in Financing Led by GE Equity.

Business Wire, p1236

March 27, 2000

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 536

... more than 400 electricity and gas choices from over 100 different energy merchants. ENERGYguide.com offers more than 200 energy-efficient products, representing over 40 major manufacturers, for purchase online.

About GE Equity

GE Equity is the private equity arm of GE and is...

17/3,K/22 (Item 4 from file: 16)

DIALOG(R)File 16:Gale Group PROMT(R)

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06891972 Supplier Number: 58355738 (USE FORMAT 7 FOR FULLTEXT)

ENERGYguide.com Names Former L.L. Bean Director of Merchandising as Head of e-Commerce.

Business Wire, p1326

Dec 22, 1999

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 399

... products and learn how they can lower energy bills and help the

environment. ENERGYguide.com offers more than 200 energy- efficient products, representing over 40 major manufacturers, for purchase online. ENERGYguide.com is not an affiliate of any energy company.

17/3,K/23 (Item 5 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
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06852888 Supplier Number: 58054106 (USE FORMAT 7 FOR FULLTEXT)
ElectricityChoice.com and ENERGYguide.com Make Shopping for Electricity Easier in Pennsylvania; More than 40 Electricity Offers Available Across the State.

Business Wire, p0337
Dec 7, 1999
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 554

... products and learn how they can lower energy bills and help the environment. ENERGYguide.com offers more than 200 energy- efficient products, representing over 40 major manufacturers, for purchase online. ENERGYguide.com is not an affiliate of any energy company.

17/3,K/24 (Item 6 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2005 The Gale Group. All rts. reserv.

06849103 Supplier Number: 57535051 (USE FORMAT 7 FOR FULLTEXT)
THE GOOD LIFE.
Ritchey, Diane
Appliance, v56, n11, p53
Nov, 1999
Language: English Record Type: Fulltext
Document Type: Magazine/Journal; Trade
Word Count: 5033

... to buy the system, but they will be able to enjoy the added benefits plus save on their monthly utility bill."

He says that when offered a choice, Carrier has found that consumers purchase upgraded products more than 50 percent of the time.

"Using the numbers supplied by the ARI directory and speaking...

17/3,K/25 (Item 7 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2005 The Gale Group. All rts. reserv.

06819257 Supplier Number: 57161013 (USE FORMAT 7 FOR FULLTEXT)
Electricity Cost Control Through Bill Auditing Procedures.
STUDEBAKER, JOHN M.
Energy User News, v24, n10, p21
Oct, 1999
Language: English Record Type: Fulltext
Document Type: Magazine/Journal; Trade
Word Count: 2419

... color rendition is not critical. Other items to examine include the

use of utility-sponsored **rebate** programs to **purchase** and **install**
energy - efficient electric motors and other equipment types.

KEEP ON TRACK

While studying the best options for reducing...

17/3,K/26 (Item 8 from file: 16)

DIALOG(R)File 16:Gale Group PROMT(R)

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06818428 Supplier Number: 57641496 (USE FORMAT 7 FOR FULLTEXT)

**ENERGYguide.com Enables New Jersey Residents to Review All Electricity
Offers in One Place; Researching Energy Offers Can Help Consumers Lower
Their Electricity Bills.**

Business Wire, p1273

Nov 19, 1999

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 499

... products and learn how they can lower energy bills and help the
environment. ENERGYguide.com **offers more than 200 energy- efficient**
products, representing over 40 major manufacturers, for **purchase** online.
ENERGYguide.com is not an affiliate of any energy company.

17/3,K/27 (Item 9 from file: 16)

DIALOG(R)File 16:Gale Group PROMT(R)

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06794872 Supplier Number: 57481037 (USE FORMAT 7 FOR FULLTEXT)

**ENERGYguide.com Launches Contest to Raise Funds for Habitat for Humanity
and Promote Energy Efficiency.**

Business Wire, p0362

Nov 10, 1999

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 707

... products and learn how they can lower energy bills and help the
environment. ENERGYguide.com **offers more than 150 energy- efficient**
products, representing 25 major manufacturers, for **purchase** online.
ENERGYguide.com is not an affiliate of any energy company.

17/3,K/28 (Item 10 from file: 16)

DIALOG(R)File 16:Gale Group PROMT(R)

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06471472 Supplier Number: 55072556 (USE FORMAT 7 FOR FULLTEXT)

**Allegheny Energy Supply Teams Up With the Borough of Sewickley to Offer
Savings on Electricity.**

Business Wire, p1403

July 6, 1999

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 699

... Allegheny Energy Supply.

"With a price of 4.1 cents per kilowatt-hour (kWh), Allegheny **Energy**

Supply already **offers** the greatest **savings** for customers of Duquesne Light," said Kevin Flannery, Municipal Manager for the Borough of Sewickley ...

...joining together, a small group - like the Borough of Sewickley - was able to leverage its **buying** power and negotiate an even **lower rate** for our residents. That's the beauty of competition in the electric utility industry."

In...

17/3,K/29 (Item 11 from file: 16)

DIALOG(R)File 16:Gale Group PROMT(R)

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06444650 Supplier Number: 55018317 (USE FORMAT 7 FOR FULLTEXT)

Allegheny Energy Supply teams up with the Municipality of Monroeville to offer savings on electricity.

Business Wire, pl490

June 29, 1999

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 710

... the Pittsburgh area.

"With a price of 4.1 cents per kilowatt-hour (kWh), Allegheny **Energy** Supply already **offers** the greatest **savings** for customers of Duquesne Light," said Marshall Bond, Municipal Manager for Monroeville. "But, by joining together as a group, we were able to increase our **purchasing** power and negotiate an even **lower rate** for our residents. The bottom line is simple: The more Monroeville residents who sign up...

17/3,K/30 (Item 12 from file: 16)

DIALOG(R)File 16:Gale Group PROMT(R)

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06397019 Supplier Number: 54830730 (USE FORMAT 7 FOR FULLTEXT)

Allegheny Energy Supply teams up with the Township of Collier to offer savings on electricity.

Business Wire, pl487

June 8, 1999

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 732

... the Electric Choice Community Program, an incentive-based aggregation plan. Businesses will also receive comparable **savings** with the program.

"Allegheny **Energy** Supply already **offers** the greatest **savings** for customers of Duquesne Light," said Gary Williard, Municipal Manager for the Township of Collier. "But by joining together as a group, we were able to increase our **purchasing** power and negotiate an even **lower rate** for our residents. The bottom line is simple: The more Collier residents that sign up...

17/3,K/31 (Item 13 from file: 16)

DIALOG(R)File 16:Gale Group PROMT(R)

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06349529 Supplier Number: 54666972 (USE FORMAT 7 FOR FULLTEXT)
ENERGYguide.com Quenches Thirst for Energy Savings With New Six-Pack.
PR Newswire, p2956
May 18, 1999
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 720

... NEWTON, Mass., May 18 /PRNewswire/ -- Recent improvements in home lighting products have resulted in new **energy - efficient** bulbs that **offer** consumers high-quality light and use up to 80% less energy. To draw attention to...

...price of BULBlite to \$14.95, are available for customers of many New England utilities. **Purchased** separately the bulbs in BULBlite would cost **more than** \$60.

The utilities offering this rebate include Blackstone Valley Electric, Boston Edison, Cambridge Electric Light...

17/3,K/32 (Item 14 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
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05705763 Supplier Number: 50161532 (USE FORMAT 7 FOR FULLTEXT)
Onsite Energy Corporation Closes Transaction To Acquire Assets of SYCOM Enterprises
PR Newswire, p713LAM025
July 13, 1998
Language: English Record Type: Fulltext
Article Type: Article
Document Type: Newswire; Trade
Word Count: 889

... and SYCOM, SYCOM has been selected by the New Jersey Coalition of Automotive Retailers to **offer energy efficiency** and aggregated **energy** purchasing services to its 700 members. Details of this and other projects will be announced...

...California on behalf of the International Association of Refrigerated Warehouses (IARW) and has signed up **more than** 80 percent of the IARW members in California. The **purchasing** power of the aggregated group exceeds 40 megawatts of power, enough to supply approximately 40...

...to make the California facilities of IARW members more energy efficient and save the owners **more money than** they can save by **buying** deregulated electricity in the California marketplace.

Details of the transaction, which closed on June 30...

17/3,K/33 (Item 15 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
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05584478 Supplier Number: 48454062 (USE FORMAT 7 FOR FULLTEXT)
Michigan Offers Cash Incentives to Buy Energy Efficient Homes; First 200 Purchasers Will Get \$1,000
PR Newswire, p0429DEW020
April 29, 1998

Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 280

**Michigan Offers Cash Incentives to Buy Energy Efficient Homes;
First 200 Purchasers Will Get \$1,000**

17/3,K/34 (Item 16 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
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05390207 Supplier Number: 48195196 (USE FORMAT 7 FOR FULLTEXT)

Sung Tse Develops Digital and Analog Water Quality Testers

Comline Electronics, pN/A

Dec 25, 1997

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 177

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

...successfully developed many new kinds of digital and analog water quality testers. They have many **more** functions **than** traditional devices, and are **sold** by the company itself. The company offers excellent prices, and one can order in Taiwan...

...able to be used in any general application with no difference in function, and the **savings** of battery **power**. The company also **offers** many types of automatic rinsing magnetic water treatment and control devices, such as multifunction UV...

17/3,K/35 (Item 17 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
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04562310 Supplier Number: 46705603 (USE FORMAT 7 FOR FULLTEXT)

**Wisconsin Electric Offers Customers Incentive to Purchase Energy -
Efficient Computer and Office Equipment**

PR Newswire, p912MNTH005

Sept 12, 1996

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 396

**Wisconsin Electric Offers Customers Incentive to Purchase Energy -
Efficient Computer and Office Equipment**

17/3,K/36 (Item 18 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
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04523786 Supplier Number: 46646349 (USE FORMAT 7 FOR FULLTEXT)

Save Loads with an Energy-Efficient Washing Machine.

Business Wire, p08220084

August 22, 1996

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 562

... of water a year.

The savings don't stop there. PG&E is offering a **rebate** for **purchasing** a qualifying, energy-efficient clothes washer. The **rebate** ranges from a minimum of \$150 to \$225, depending on the washer's **energy efficiency**. And participating water **utilities** are **offering** additional \$75 rebates for conserving water.

This is on top of the savings from just...

17/3,K/37 (Item 19 from file: 16)

DIALOG(R)File 16:Gale Group PROMT(R)

(c) 2005 The Gale Group. All rts. reserv.

03683278 Supplier Number: 45207887

CPFL stimulates use of fluorescent lamps in Brazil

South American Business Information, pN/A

Dec 14, 1994

Language: English Record Type: Abstract

Document Type: Newswire; Trade

ABSTRACT:

The Brazilian electric power distributor company CPFL (Companhia Paulista de Forca e Luz) **sold more than** 26,000 fluorescent lamps of last generation, in three municipalities of Sao Paulo. The lamps, which **save** up to 80% **energy**, were **offered** for a subsidized price supported by the producers, as a way to stimulate the consumer...

17/3,K/38 (Item 20 from file: 16)

DIALOG(R)File 16:Gale Group PROMT(R)

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03496900 Supplier Number: 44891974 (USE FORMAT 7 FOR FULLTEXT)

EDISON CUSTOMERS TO EARN CASH BY BUYING NEW, ENERGY EFFICIENT REFRIGERATORS

PR Newswire, pN/A

August 1, 1994

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 346

... Refrigerator Rebate Program brochure, which describes requirements and lists refrigerator models which qualify for a **rebate**. Edison also **offers** tips for **purchasing** an **energy efficient** refrigerator. To obtain this information, call the

Rebate

Processing Center at 1-800-SCE-8988, Monday through Friday, 8 a.m. to 5...

17/3,K/39 (Item 21 from file: 16)

DIALOG(R)File 16:Gale Group PROMT(R)

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03332880 Supplier Number: 44610566 (USE FORMAT 7 FOR FULLTEXT)

Energy efficiency levy rules published

Environment Business, pN/A

April 20, 1994

Language: English Record Type: Fulltext

Document Type: Newsletter; Trade
Word Count: 197

... only where there is a net efficiency gain.
The new pricing structure also removes an **incentive** for the RECs to
sell more units of **electricity** .
* **Energy efficiency** : standards of performance, from **Offer** (021)
456 2100

17/3,K/40 (Item 22 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
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03039612 Supplier Number: 44132277 (USE FORMAT 7 FOR FULLTEXT)
Hotels go for green energy
European Power News, p22
Oct, 1993
Language: English Record Type: Fulltext
Document Type: Magazine/Journal; Tabloid; Trade
Word Count: 124

... When all ten four-star hotels are operating with CHP the Group is
expecting to **save** over GBP60,000 on its **energy** bill.
Combined Power Systems will **install** and operate the systems for no
capital outlay and the hotels will **purchase** the energy generated at a
substantial **discount** compared with conventional electricity tariffs.

17/3,K/41 (Item 23 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
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02867116 Supplier Number: 43862583 (USE FORMAT 7 FOR FULLTEXT)
EDISON OFFERS REBATES ON NEW, ENERGY EFFICIENT REFRIGERATORS
PR Newswire, p1
May 27, 1993
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 404

... Rebate Program brochure which
describes program requirements and lists refrigerator models which
qualify for a **rebate** . Edison also **offers** tips for **purchasing** an
energy - efficient refrigerator. To obtain the brochure, tips on
refrigerator purchases, or a rebate application, call Edison...

17/3,K/42 (Item 24 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2005 The Gale Group. All rts. reserv.

02425181 Supplier Number: 43193411 (USE FORMAT 7 FOR FULLTEXT)
Europe's Future Is Natural Gas
Pipeline & Gas Journal, p26
August, 1992
Language: English Record Type: Fulltext
Document Type: Magazine/Journal; Trade
Word Count: 2781

... Some gas for additional customers will be available from current sources due to the increased **efficiency** of manufacturing operations and more **energy** conservation as the market economy **offers** additional **incentives** . However, additional gas volumes will have to be **acquired** and a policy of diversification indicates this gas will come from countries in Western Europe...

17/3,K/43 (Item 25 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2005 The Gale Group. All rts. reserv.

02423660 Supplier Number: 43191251 (USE FORMAT 7 FOR FULLTEXT)
Room on top for discount energy
European Power News, p21
August, 1992
Language: English Record Type: Fulltext
Document Type: Magazine/Journal; Tabloid; Trade
Word Count: 226

(USE FORMAT 7 FOR FULLTEXT)
TEXT:
...to a programme of cutting energy costs with no capital outlay. Combined Power Systems has **offered** the group a CHP Discount **Energy** package, which gives them **savings** on **electricity** costs of up to 40%. The CHP units are powered by natural gas, providing space heating and hot water and at the same time generating electricity, which is **sold** to the hotel at a **discount** rate.

17/3,K/44 (Item 26 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
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02423381 Supplier Number: 43190809 (USE FORMAT 7 FOR FULLTEXT)
Cement Mftr. Buys Refurbished Turbine, Expects to Save \$600K/Yr.
Energy User News, p16
August, 1992
Language: English Record Type: Fulltext
Document Type: Magazine/Journal; Tabloid; Trade
Word Count: 659

ALPENA, Mich. - Lafarge Corp. here expects to **save** \$600,000 a year in **energy** costs after **replacing** two 75-year-old turbines with a 13-year-old reconditioned steam turbine from GE Power Generation Services, Southfield, Mich., that the user managed to **buy** for a significant **discount** .

The new 9.3-megawatt (Mw) turbine, which went on line in April, is powered...

17/3,K/45 (Item 27 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
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02216867 Supplier Number: 42889564 (USE FORMAT 7 FOR FULLTEXT)
Dutch set energy efficiency example:
European Energy Report, pN/A
April 3, 1992
Language: English Record Type: Fulltext

Document Type: Newsletter; Trade
Word Count: 200

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

...gas companies in the Netherlands, granted incentives by their regulatory system, are actively helping customers **save energy**. For instance, companies are **offering** grants making up the difference between the cost of high efficiency condensing and ordinary gas boilers, and **selling** energy saving fluorescent light bulbs through a coupon **discount** scheme.

17/3,K/46 (Item 28 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
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01745511 Supplier Number: 42185552
Eveready and Konami join forces for promotion
Playthings, v0, n0, p47
July, 1991
Language: English Record Type: Abstract
Document Type: Magazine/Journal; Trade

ABSTRACT:

Eveready and Konami are cooperating in the 'Eveready and Konami **Power** -up,' an **offer** for **savings** on Konami hand-held games and Energizer batteries. The promotion is set to start in summer-1991. Consumers are offered savings of up to \$2 when they **buy** a Konami LCD hand-held game and Energizer batteries. **Rebate** slips on Konami LDC hand-held game packages allow consumers to get money back on...

17/3,K/47 (Item 29 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2005 The Gale Group. All rts. reserv.

01735070 Supplier Number: 42169382 (USE FORMAT 7 FOR FULLTEXT)
HELPING AMERICA PROSPER: Investor-Owned Electric Utilities and Economic Development
Forbes, p97
June 24, 1991
Language: English Record Type: Fulltext
Document Type: Magazine/Journal; General Trade
Word Count: 2774

... year, \$2 billion program at Pacific Gas & Electric Co., called Customer Energy Efficiency, offers cash **incentives** to new and existing customers who **buy** and **install energy - efficient** products. It also **offers incentives** to the retail salespeople who **sell** the equipment.

Public Service of Oklahoma's Industrial Productivity Program also encourage customers to implement...

17/3,K/48 (Item 1 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2005 The Gale Group. All rts. reserv.

10699584 SUPPLIER NUMBER: 53409697
New thermostats provide better control and flexibility.

Gionta, Daria
Custom Builder, 13, 7, 61(3)
Nov-Dec, 1998

ISSN: 0895-2493 LANGUAGE: English RECORD TYPE: Abstract

ABSTRACT: The new generation of programmable thermostats **offers greater efficiency than** standard thermostats, thus **saving energy** for homeowners and helping builders **sell** homes more easily. They perform various functions, such as monitoring indoor humidity, setting temperature modes...

17/3,K/49 (Item 2 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2005 The Gale Group. All rts. reserv.

09646604 SUPPLIER NUMBER: 17868963 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Energy plans and audits: calculated savings. (includes related article) (Power Up Your Productivity: Proven Techniques and Innovative Solutions for Maximizing Your Electromechanical Systems)

Fleming, Alex

Plant Engineering, v49, n15, pS12(1)

Nov 20, 1995

ISSN: 0032-082X LANGUAGE: English RECORD TYPE: Fulltext; Abstract
WORD COUNT: 742 LINE COUNT: 00065

... energy savings don't happen by accident. Much more is involved than just buying and **installing energy - efficient** motors or other components on a piecemeal basis.

To ensure energy savings, plant managers and...

17/3,K/50 (Item 3 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2005 The Gale Group. All rts. reserv.

08676643 SUPPLIER NUMBER: 18254265 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Ground-source systems may be just the thing for campus savings.

Clark, William H., II

Air Conditioning, Heating & Refrigeration News, v197, n16, p41(1)

April 15, 1996

ISSN: 0002-2276 LANGUAGE: English RECORD TYPE: Fulltext; Abstract
WORD COUNT: 810 LINE COUNT: 00066

...ABSTRACT: pumps. These savings from the more efficient heat pump systems justify the much higher initial **purchase** costs, which are much **more than** conventional systems using direct-expansion or chilled-water techniques. The heat pump systems also offer...

17/3,K/51 (Item 4 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2005 The Gale Group. All rts. reserv.

07697464 SUPPLIER NUMBER: 16406807 (USE FORMAT 7 OR 9 FOR FULL TEXT)
DETROIT EDISON PLEDGES VOLUNTARY CARBON DIOXIDE REDUCTIONS

PR Newswire, p0203DE001

Feb 3, 1995

LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
WORD COUNT: 543 LINE COUNT: 00052

....
to manage customer demand through efficiency measures, energy audits, education, time-of-day rates and **offering incentives** for energy- efficient equipment **purchases** .

- Support for the commercialization of electric vehicles.
- Increased use of its Fermi 2 nuclear power...

17/3,K/52 (Item 5 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2005 The Gale Group. All rts. reserv.

07622245 SUPPLIER NUMBER: 16425611 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Overcoming the fear of buying. (selling heating, ventilation, air conditioning equipment)

Howard, Steve

Air Conditioning, Heating & Refrigeration News, v193, n17, p4(1)

Dec 26, 1994

ISSN: 0002-2276 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT

WORD COUNT: 1051 LINE COUNT: 00079

... of choice.

To reduce this fear, offer financing, show how energy savings help fund the **purchase** , and show how your system provides **more** benefits **than** any other product they can **buy** with the same money.

* Fear of buying problems. Truth is, if the customer buys the...

17/3,K/53 (Item 6 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2005 The Gale Group. All rts. reserv.

06721241 SUPPLIER NUMBER: 14510699 (USE FORMAT 7 OR 9 FOR FULL TEXT)
10 years of energy saving celebration. (Energy Jottings)

Energy Report, v20, n8, p11(2)

August, 1993

ISSN: 0093-7657 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT

WORD COUNT: 183 LINE COUNT: 00014

TEXT:

...of cost and energy saving technology, Savawatt is offering local Midland readers the chance to **purchase** a Savaplug at the substantially **reduced price** of |pounds

18.00 (inc VAT) plus |pounds

1.99 p&p. Contact the company...

17/3,K/54 (Item 7 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2005 The Gale Group. All rts. reserv.

06499184 SUPPLIER NUMBER: 14157024 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Energy savings by hospital group. (Nuffield Hospitals)

Energy Report, v20, n6, p11(1)

June, 1993

ISSN: 0093-7657 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT

WORD COUNT: 123 LINE COUNT: 00009

TEXT:

...Leicester, Birmingham and Shrewsbury. Combined Power Systems energy generators are installed, with costs recouped through **selling** electricity to the hospitals at a **discount** compared with mains electricity. The net gain across the six hospitals is |pounds 16,000...

17/3,K/55 (Item 8 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2005 The Gale Group. All rts. reserv.

06489222 SUPPLIER NUMBER: 14042334 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Saving energy has never been so rewarding. (UK government energy conservation rebate)
Energy Report, v20, n5, p6(1)
May, 1993
ISSN: 0093-7657 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
WORD COUNT: 294 LINE COUNT: 00022

Now, with a significant rebate on the purchase price from the **Energy Saving Trust**, owner occupiers upgrading, or **installing** new systems, will benefit right away from savings of up to 30% - particularly important with...

17/3,K/56 (Item 9 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2005 The Gale Group. All rts. reserv.

06455967 SUPPLIER NUMBER: 13159713 (USE FORMAT 7 OR 9 FOR FULL TEXT)
INNOVATIVE NEW ENERGY CONSERVATION PROGRAM PAYS FOR ENERGY SAVINGS; ALLOWS PARTICIPANTS TO DERIVE INCOME FROM ENERGY CONSERVATION MEASURES
PR Newswire, p0519NY007
May 19, 1993
LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
WORD COUNT: 805 LINE COUNT: 00068

... the purchase of energy efficient equipment. Customers, however, are under no obligation to demonstrate that **energy** has been **saved**.

Under the Standard **Offer**, PSE&G provides monthly payments for kilowatt-hours of electricity and therms of natural gas...

17/3,K/57 (Item 10 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2005 The Gale Group. All rts. reserv.

06212859 SUPPLIER NUMBER: 13330370 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Cement mftr. buys refurbished turbine, expects to save \$600k/yr. (Lafarge Corp.)
Bryant, Frank
Energy User News, v17, n8, p16(1)
August, 1992
ISSN: 0162-9131 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
WORD COUNT: 689 LINE COUNT: 00051

TEXT:

...reconditioned steam turbine from GE Power Generation Services, Southfield, Mich., that the user managed to **buy** for a significant **discount**.

17/3,K/58 (Item 11 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2005 The Gale Group. All rts. reserv.

06199714 SUPPLIER NUMBER: 13600837 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Energy-efficient motors are hot. (Integral Horsepower Motors)

Avery, Susan

Purchasing, v113, n6, p53(2)

Oct 22, 1992

ISSN: 0033-4448 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT

WORD COUNT: 1217 LINE COUNT: 00094

ABSTRACT: Electric utilities have **offered discounts** to customers who **purchase energy-efficient** integral horsepower motors. Motor **buyers** responded to the offer, which increased factory orders. However, despite poor economic conditions, manufacturers had...

17/3,K/59 (Item 12 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2005 The Gale Group. All rts. reserv.

05909244 SUPPLIER NUMBER: 12425453 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Greengos: local companies and what they're doing to care for the environment.

Weissman, Eric

Regardie's Magazine, v12, n5, p55(3)

June-July, 1992

ISSN: 0279-5965 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT

WORD COUNT: 926 LINE COUNT: 00073.

... for Trammell Crow Management Services Northeast, Incorporated. The rebate allowed the developer to buy and **install energy-efficient** equipment that **saves** about \$400,000 - \$1.25 a square foot - worth of energy annually.

Energy savings aren...

17/3,K/60 (Item 13 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2005 The Gale Group. All rts. reserv.

05899826 SUPPLIER NUMBER: 12277991 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Work smarter, not harder, to keep profits soaring.

Chester, Gerald R.

Air Conditioning, Heating & Refrigeration News, v186, n4, p23(2)

May 25, 1992

ISSN: 0002-2276 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT

WORD COUNT: 1834 LINE COUNT: 00145

... zoning, and equipment upgrades.

Offer specials. And seek out suppliers who will work on providing **discounts** or financing.

Everyone can **sell**

Give **incentives** to all employees to **sell** products and services. Make everyone a salesperson - even the receptionist and the accounting department.

Everyone...

17/3,K/61 (Item 14 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2005 The Gale Group. All rts. reserv.

05804611 SUPPLIER NUMBER: 11820284 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Lower starting temperatures expand outdoor fluorescent usage.

Buildings, v86, n1, p26(1)

Jan, 1992

ISSN: 0007-3725

LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT

WORD COUNT: 385

LINE COUNT: 00032

... and Power and Western Massachusetts Electric Company). Through its Spectrum Lighting catalogue, the utility is **offering** customers the opportunity to **buy** energy- **efficient** fixtures at **discounted** prices. Among the offerings is Stonco's new floodlight. "With energy at a premium these...

17/3,K/62 (Item 15 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2005 The Gale Group. All rts. reserv.

05558883 SUPPLIER NUMBER: 11741751 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Four of a kind. (first four inductees into newly-inaugurated Dealerscope Merchandising Hall of Fame)

Dealerscope Merchandising, v33, n12, p12(3)

Dec, 1991

ISSN: 0888-4501

LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT

WORD COUNT: 2862

LINE COUNT: 00213

... for the price of our products - the value of what we're offering today is **greater** **than** just about anything else the consumer can **buy** . We have never been a high profit business, and that's a damnation in some ...

17/3,K/63 (Item 16 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2005 The Gale Group. All rts. reserv.

05533822 SUPPLIER NUMBER: 11569341 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Home buyers' hot buttons. (what home buyers look for) (1992 Product Source Guide)

Shutt, Craig A.

Building Supply Home Centers, v161, n6, p6(6)

Nov, 1991

ISSN: 0890-9008

LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT

WORD COUNT: 1539

LINE COUNT: 00116

... they would like one in their new home, but only half that many builders actually **offer** it. * **Energy savings** . A multitude of **energy** - **saving** products already on the retailer's shelves are being overlooked by builders, according to what...

...in their new home. Another product catching on quickly is the power attic ventilator, which **more** **than** one-third of **buyers** say they would like to see in their new home, but which only 15 percent...

17/3,K/64 (Item 17 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2005 The Gale Group. All rts. reserv.

05515592 SUPPLIER NUMBER: 11354366 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Big motors at standstill. (energy efficient electric motors)

Avery, Susan

Purchasing, v111, n4, p83(4)

Sept 26, 1991

ISSN: 0033-4448

LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT

WORD COUNT: 1576 LINE COUNT: 00120

... first purchase price. Another way to keep a rein on costs is to check out **rebate** programs **offered** by local **utilities** as incentive to **buy energy - efficient** motors.

Many manufacturers express concern for environmental issues, making sure that products as well as...

17/3,K/65 (Item 18 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2005 The Gale Group. All rts. reserv.

05498314 SUPPLIER NUMBER: 11506649 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Electrical. (energy-efficient products) (include related article on energy saving light bulbs) (company profile)

Chilton's Hardware Age, v228, n11, p49(2)

Nov, 1991

DOCUMENT TYPE: company profile

ISSN: 8755-254X

LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT

WORD COUNT: 1637 LINE COUNT: 00128

... on energy-saving light bulbs. For example, Central Maine Power will be including a \$9 **rebate** coupon for the **purchase** of energy-saving bulbs in bill mailings to customers for the next two months. If...

17/3,K/66 (Item 19 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2005 The Gale Group. All rts. reserv.

05494516 SUPPLIER NUMBER: 11507933 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Contractors face utility competition in 36 states, says ACCA's Jim Norris.

(heating, ventilation, air conditioning business; Air Conditioning

Contractors of America) (part 2) (Competitive Problems) (panel discussion)

Mahoney, Thomas A.

Air Conditioning, Heating & Refrigeration News, v184, n10, p16(1)

Nov 4, 1991

DOCUMENT TYPE: panel discussion

ISSN: 0002-2276

LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT

WORD COUNT: 900 LINE COUNT: 00071

... to," said David Oxner of Toledo Edison. "We want to afford customers the chance to **buy energy - efficient** equipment and appliances, so we **offer incentives** through contractors to the marketplace."

The same message came from Steve Young of Columbia Gas...

17/3,K/67 (Item 20 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2005 The Gale Group. All rts. reserv.

05441956 SUPPLIER NUMBER: 11247460 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Manufacturers take on energy challenge. (special section: Buyers' Guide to Refrigerators)

La Rossa, James, Jr.

HFD-The Weekly Home Furnishings Newspaper, v65, n38, pS4(1)

Sept 16, 1991

ISSN: 0746-7885

LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT

WORD COUNT: 396

LINE COUNT: 00031

... rebates. Various utilities will offer rebates to customers of \$50, \$75 and \$100 when they **buy** units providing energy savings 10, 15 and 20 percent **higher than** current federal levels. Some of the programs also provide cash rebates for retailers and builders.

17/3,K/68 (Item 21 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2005 The Gale Group. All rts. reserv.

05419563 SUPPLIER NUMBER: 11011979 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Cut energy costs with new line of presses. (innovations on injection molding pumps by Kawaguchi Ltd.)

Kirkland, Carl

Plastics World, v49, n8, p17(1)

July, 1991

ISSN: 0032-1273

LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT

WORD COUNT: 611

LINE COUNT: 00045

... savings vs. the K machine. Tomen officials pointed out that certain areas of the country **offer** financial **incentives** for energy- **efficient** capital expenditures.

Nevertheless, our mystery-guest molder **purchased** its two new KMBs for the labor savings provided by its hands-off, closed-loop...

17/3,K/69 (Item 22 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2005 The Gale Group. All rts. reserv.

05185981 SUPPLIER NUMBER: 10852447 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Helping America prosper: investor-owned electric utilities and economic development. (Special Advertising Supplement)

Glick, David S.

Forbes, v147, n13, pS1(10)

June 24, 1991

CODEN: FORBA

ISSN: 0015-6914

LANGUAGE: ENGLISH

RECORD TYPE:

FULLTEXT

WORD COUNT:

2956

LINE COUNT: 00249

... year, \$2 billion program at Pacific Gas & Electric Co., called Customer Energy Efficiency, offers cash **incentives** to new and existing customers who **buy** and **install** **energy - efficient** products. It also **offers** **incentives** to the retail salespeople who **sell** the equipment.

Public Service of Oklahoma's Industrial Productivity Program also encourages customers to implement...

17/3,K/70 (Item 23 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2005 The Gale Group. All rts. reserv.

05177995 SUPPLIER NUMBER: 10809417 (USE FORMAT 7 OR 9 FOR FULL TEXT)
More standards ahead for A/C? (energy-efficiency standards for

air-conditioning products)

Remich, Norman C., Jr.

Appliance Manufacturer, v39, n5, p56(2)

May, 1991

ISSN: 0003-679X

LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT

WORD COUNT: 1092 LINE COUNT: 00089

... and incorporated into their rebate schedules, would give homeowners an additional incentive to purchase and **install** the **energy - efficient** zoning systems, according to Carrier's Bridges.

"One of the things the Electric Power Research...

17/3,K/71 (Item 24 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2005 The Gale Group. All rts. reserv.

05151950 SUPPLIER NUMBER: 10658452 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Channel buyers into an energy-saving alternative; with energy-efficient

mortgages, you'll close more and bigger sales.

Kailo, Norman

Real Estate Today, v24, n4, p40(2)

May, 1991

CODEN: RESTDR

ISSN: 0034-0804

LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT

WORD COUNT: 1854 LINE COUNT: 00144

... weather stripping around doors, caulking, and a tune-up of the heating unit. He also **installed** a new **energy - efficient** hot-water heater and wrapped insulation around all exposed pipes. The cost of the improvements...

...less than \$16 to the monthly loan payment, and the improvements are projected to save **more than** \$21 per month on utility bills.

Do **Buyers** Care?

Although they may not list it among their top wants or needs, buyers want...

17/3,K/72 (Item 25 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2005 The Gale Group. All rts. reserv.

04867107 SUPPLIER NUMBER: 09106094 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Window rating council begins energy labeling. (National Fenestration Rating

Council) (column)

Yudenfriend, Herbert

Custom Builder, v5, n10, p52(2)

Oct, 1990

DOCUMENT TYPE: column

ISSN: 0895-2493

LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT

WORD COUNT: 1594 LINE COUNT: 00131

... Free energy audits are offered, water-saving shower heads are installed at no charge. Cash **incentives** are paid to reward the **purchase** of **energy - efficient** appliances, and business are being **offered** significant rate reductions for offpeak load energy usage.

The federal government is also engaged in...

17/3,K/73 (Item 26 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB

(c)2005 The Gale Group. All rts. reserv.

04837769 SUPPLIER NUMBER: 08947258 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Reaping the benefits of lighting rebates: energy efficiency has become top priority among utilities and lighting products manufacturers.

Ylvisaker, Peter N.

Buildings, v84, n9, p126(3)

Sept, 1990

ISSN: 0007-3725

LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT

WORD COUNT: 2035 LINE COUNT: 00166

... savings for the environment and the building owner's pocketbook. In its simplest form, the **rebate** acts as an outright subsidy, allowing an owner to **buy** a product and get a refund from the utility company, manufacturer, or both. Utilities incentive...

...in buildings saves energy and, at the same time, boosts product sales. Any manufacturer's **rebate**, of course, is an **incentive** to **buy**," says Horner. "It helps in terms of lamp sales, but also makes owners more aware ...

17/3,K/74 (Item 27 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB

(c)2005 The Gale Group. All rts. reserv.

04816818 SUPPLIER NUMBER: 08895838 (USE FORMAT 7 OR 9 FOR FULL TEXT)

The maturation of energy management: 1976 to 1990. (Special Report: History of Energy Management) (includes review of case histories outlining examples of energy management systems changes during energy crises)

Mullin, Richard

Energy User News, v15, n9, p19(7)

Sept, 1990

ISSN: 0162-9131

LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT

WORD COUNT: 6963 LINE COUNT: 00567

... The problems were not always the users' fault, however. They also included mismanaged or incomplete **installations**, poor maintenance backup, disagreements on **energy savings** and abandonment when the shared savings firm went out of business.

A number of technologies...

17/3,K/75 (Item 28 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB

(c)2005 The Gale Group. All rts. reserv.

04782728 SUPPLIER NUMBER: 08798046 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Edison offers many energy efficiency programs. (Southern California Edison Co.)

PR Newswire, 0830LA021X
August 30, 1990
LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
WORD COUNT: 175 LINE COUNT: 00035

... Energy Management Incentive Program. This
 program provides cash rebates to residential customers who
 purchase and **install energy efficient**
appliances (subject to
 certain restrictions), such as evaporative coolers, air
 conditioners, heat pumps and heat...

17/3,K/76 (Item 29 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2005 The Gale Group. All rts. reserv.

04780585 SUPPLIER NUMBER: 09234037 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Commerce committee approves H.R. 711, boosting funds for state programs.
(State Energy Efficiency Programs Improvement Act of 1990)
International Solar Energy Intelligence Report, v16, n14, p136(1)
July 13, 1990
ISSN: 0148-4095 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
WORD COUNT: 529 LINE COUNT: 00044

... public and private funds and programs allowing rebates, grants or
other incentives to purchase and **install energy - efficiency** and
renewable **energy** measures.

The bill also spells out instructions for programs to promote energy
efficiency in residential...

17/3,K/77 (Item 30 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2005 The Gale Group. All rts. reserv.

04639898 SUPPLIER NUMBER: 09629211
Suddenly, everything's smaller in Texas. (Hardware Review) (Texas
Instruments TravelMate 3000 80386SX-based notebook computer) (includes
related article on competing machines from Epson, Toshiba) (evaluation)
Reinhardt, Andrew
Byte, v15, n13, p151(3)
Dec, 1990
DOCUMENT TYPE: evaluation ISSN: 0360-5280 LANGUAGE: ENGLISH
RECORD TYPE: ABSTRACT

...ABSTRACT: hard disk drive is slower than Compaq's. TI partially
compensates for this deficiency by **offering** a 64Kbyte disk caching
software **utility** that **saves** battery life as well as boosting
performance. The keyboard has a good feel and adequate...

17/3,K/78 (Item 31 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2005 The Gale Group. All rts. reserv.

04517245 SUPPLIER NUMBER: 08529637 (USE FORMAT 7 OR 9 FOR FULL TEXT)
A new energy crisis? (oil and gas shortages)
Bacon, Donald C.
Nation's Business, v78, n2, p20(7)

Feb, 1990
CODEN: NBUSA ISSN: 0028-047X LANGUAGE: ENGLISH RECORD TYPE:
FULLTEXT
WORD COUNT: 5272 LINE COUNT: 00424

... Financial incentives are available in many areas to business and individual users who agree to **install energy - saving** equipment or to cut back voluntarily on energy consumption.

Such programs can be good deals...

17/3,K/79 (Item 32 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2005 The Gale Group. All rts. reserv.

03910095 SUPPLIER NUMBER: 07538447 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Why do outsiders see the future better. (includes related article on introduction of reflective glass)
Schnaars, Steven P.
Sales & Marketing Management, v141, n5, p92(3)
April, 1989
CODEN: SMMAD ISSN: 0163-7517 LANGUAGE: ENGLISH RECORD TYPE:
FULLTEXT
WORD COUNT: 1854 LINE COUNT: 00149

... modem look. Furthermore, it did not cost appreciably more than existing budding materials, and, once **installed**, it **saved energy**.

Contrast the case of reflective glass with forecasts for the widespread use of geodesic domes...

17/3,K/80 (Item 33 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2005 The Gale Group. All rts. reserv.

03847534 SUPPLIER NUMBER: 07323889 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Consumers Power introduces water-based heating-cooling system.
PR Newswire, 0214DE008
Feb 14, 1989
LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
WORD COUNT: 469 LINE COUNT: 00039

... established a network of qualified manufacturers to support this program who will be providing special **purchase incentives**.

Consumers Power Company, the principal subsidiary of CMS Energy Corporation (NYSE: CMS), is Michigan's...

17/3,K/81 (Item 34 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2005 The Gale Group. All rts. reserv.

03324051 SUPPLIER NUMBER: 05215075 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Double trouble. (consumer magazines media costs, includes tough talk with Fred Wray)
Pfaff, Fred
Marketing & Media Decisions, v22, p63(5)
Aug, 1987
ISSN: 0195-4296 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
WORD COUNT: 2249 LINE COUNT: 00175

... in that an advertiser's pages count toward both the package and individual titles' frequency **discounts**), many **buyers** are wary of packages. Fallon McElligott media director Jim Sandstrom, for one, wouldn't put...

17/3,K/82 (Item 35 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2005 The Gale Group. All rts. reserv.

03133252 SUPPLIER NUMBER: 04783114 (USE FORMAT 7 OR 9 FOR FULL TEXT)
American Consumer hunts for an acquisition target. (American Consumer Products Inc.) (company profile)
Casey, Mike
Crain's Cleveland Business, v8, p31(1)
March 16, 1987
DOCUMENT TYPE: company profile ISSN: 0197-2375 LANGUAGE: ENGLISH
RECORD TYPE: FULLTEXT
WORD COUNT: 22684 LINE COUNT: 01784

... number of traditional shared savings deals.
Bojar Associates is now involved in third party cogeneration installations . "This is analagous to shared savings in that you are **selling energy** to the user at a **discount** ," he said. "There is no capital outlay for the user, and energy is cheaper."
The...

17/3,K/83 (Item 36 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
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03129945 SUPPLIER NUMBER: 04786683 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Performance becomes key to share deals. (shared savings plans for energy projects)
Mullin, Richard
Energy User News, v12, p1(4)
April 13, 1987
ISSN: 0162-9131 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
WORD COUNT: 2618 LINE COUNT: 00208

... number of traditional shared savings deals.
Bojar Associates is now involved in third party cogeneration installations . "This is analagous to shared savings in that you are **selling energy** to the user at a **discount** ," he said. "There is no capital outlay for the user, and energy is cheaper."
The...

17/3,K/84 (Item 37 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2005 The Gale Group. All rts. reserv.

02479333 SUPPLIER NUMBER: 03970816 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Gas gimmick. (Energy Marketing Exchange)
Power, Christopher
Forbes, v136, p156(1)
Oct 7, 1985
CODEN: FORBA ISSN: 0015-6914 LANGUAGE: ENGLISH RECORD TYPE:

FULLTEXT
WORD COUNT: 287 LINE COUNT: 00021

... prices 25% lower than his utility usually charges. By passing on its big spot market **savings** to customers, **Energy Marketing Exchange** is thriving, and after 18 months now operates in seven states.
So far, so good...

17/3,K/85 (Item 38 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2005 The Gale Group. All rts. reserv.

02292950 SUPPLIER NUMBER: 03586591
No wasted energy; North Atlantic Technologies boasts a product that conserves energy and a marketing plan that conserves capital.
Pilugin, Nicholas W.
Minnesota Business Journal, p37(5)
Jan, 1985
ISSN: 0192-5504 LANGUAGE: ENGLISH RECORD TYPE: ABSTRACT

...ABSTRACT: for joint venture agreements, overseas licensing agreements, and a unique marketing trial strategy. It will **sell** back the energy conserved by the device at a **reduced price**.

17/3,K/86 (Item 39 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2005 The Gale Group. All rts. reserv.

02051317 SUPPLIER NUMBER: 03107902 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Owens-Corning poll of home builders reveals continued upturn in new construction activity.
PR Newswire, NYPR80
Jan 25, 1984
LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
WORD COUNT: 695 LINE COUNT: 00059

... related to the energy issue, slightly more than half the builders agreed that buyers of **energy efficient** homes should be **offered** preferential loan treatment when attempting to secure a mortgage.
The theory of preferential loan treatment...

17/3,K/87 (Item 1 from file: 160)
DIALOG(R)File 160:Gale Group PROMT(R)
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02095333
Mar Le has electrifying ideas for corporate energy savings
Fairfield County Business Journal (CT) November 7, 1988 p. 1,2
ISSN: 0889-5325

... Stamford, CT) has become one of the leading proponents in the Stamford-area for Northeast **Utilities' energy - efficiency rebate** programs. The Northeast Utilities' program **offer** rebates to businesses that **buy** and install indoor high-efficiency fluorescent lamps and ballasts--systems that can save 20-30...

17/3,K/88 (Item 2 from file: 160)
DIALOG(R)File 160:Gale Group PROMT(R)
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01932358

Utility sets plan to cut power use

New York Times (National Edition) May 26, 1988 p. 25,29
ISSN: 0362-4331

... saving methods in homes, offices and factories of its customers. Costs will be recouped through **higher rates**. If the plan increases Northeast's extra capacity, it will **sell** the extra power to nearby utilities at a profit. The program will provide or expand...

... new plant. Article presents figures of energy savings for new buildings implementing design changes and **installing energy - efficient** equipment.

...

17/3,K/89 (Item 3 from file: 160)
DIALOG(R)File 160:Gale Group PROMT(R)
(c) 1999 The Gale Group. All rts. reserv.

01620320

TIME FOR OIL HAS PASSED; FREE ISSUES CALL TO ACTION.

INTERNATIONAL SOLAR ENERGY INTELLIGENCE REPORT April 21, 1987 p. 124

... the Environment (Washington, District of Columbia) in 'The Oil Rollercoaster.' They include the imposition of **incentives** and penalties on autos to encourage **buying** cars getting up to 60 mpg by 2000, the encouraged building of **energy efficiency** by **offering** incentives and penalties on new homes and newly bought present housing, the levying of a

...

17/3,K/90 (Item 4 from file: 160)
DIALOG(R)File 160:Gale Group PROMT(R)
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01601604

LILCO Rebate Program Elicits Dim Response.

LONG ISLAND BUSINESS (NY) March 30, 1987 p. 5

LILCO's **rebate** program, **offered** to businesses **buying energy - efficient** lighting and air-conditioning equipment, has been **less than** successful in the 5 months since it was instituted. The promotion, named Dollars and Sense, has...

17/3,K/91 (Item 5 from file: 160)
DIALOG(R)File 160:Gale Group PROMT(R)
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00899268

Electric, gas and combination utilities are becoming more involved in the promotion of appliances and equipment, following a drop in activity after the energy crunch of 1973.

Mart February, 1983 p. 411

... behind much of the burgeoning promotional activity by utilities. Beyond the general promotion of conservation, **utilities** are emphasizing 'paybacks' in operational **savings** to consumers. They are even **offering energy - efficient rebate incentives** on product **purchases** .

17/3,K/92 (Item 6 from file: 160)
DIALOG(R) File 160:Gale Group PROMT(R)
(c) 1999 The Gale Group. All rts. reserv.

00785709

Plastics processors can make their businesses stronger through technology development and exploitation of new materials, according to A Flamm of Union Carbide.

Modern Plastics June, 1982 p. 74,751

...problem, manufacturers have perfected more efficient motors to power processing equipment, injection machine builders are **offering** retrofits of **energy - efficient** variable-volume pumps to cut **power** consumption in their hydraulic systems and thermoforming equipment manufacturers are using computer-programmed sheet-heating...

... profit and loss in a business in which material costs account for over 40% of **selling** price, while pretax income amounts to **less than 5%** of the sales dollar. New developments in scrap technology are briefly discussed. ...

17/3,K/93 (Item 7 from file: 160)
DIALOG(R) File 160:Gale Group PROMT(R)
(c) 1999 The Gale Group. All rts. reserv.

00519327

The room air conditioning industry is heading for a moderate 1980 sales period with a high carryover expected to affect factory workers.

HFD November 12, 1979 p. 70-71

... much from those of 1979, except for a small growth in the number of units **offered** in the higher **energy efficient** ratio (EER). For the coming year, California will require that no room air conditioner be **sold** with **less than** an 8.7 EER; New York will have a minimum of 7.6, moving up...

17/3,K/94 (Item 1 from file: 636)
DIALOG(R) File 636:Gale Group Newsletter DB(TM)
(c) 2005 The Gale Group. All rts. reserv.

04591311 Supplier Number: 60037226 (USE FORMAT 7 FOR FULLTEXT)

Electroforecast 2000, Part 2.

CEE News, pNA

Feb, 2000

Language: English Record Type: Fulltext

Document Type: Tabloid; Trade

Word Count: 1270

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

...huge business opportunity for electrical contractors, particularly with the retrofit of voice/data systems, the **installation** of more **energy** -

efficient lighting systems and upgraded backup power equipment. Retail. Retail construction is linked in large part to the rise and fall ...the U.S. dollar is strong, it costs more for foreign companies or consumers to buy U.S. goods. That means American products are less price-competitive than comparable products manufactured overseas, and this cuts into the demand for U.S. factory output...

17/3,K/95 (Item 2 from file: 636)

DIALOG(R)File 636:Gale Group Newsletter DB(TM)

(c) 2005 The Gale Group. All rts. reserv.

04575007 Supplier Number: 59245443 (USE FORMAT 7 FOR FULLTEXT)

SDG&E Offers Rebate for ART Controllers.

Ozone Depletion Network Online Today, pNA

Feb 8, 2000

Language: English Record Type: Fulltext

Document Type: Newsletter; Trade

Word Count: 234

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

...ART) recently announced its evaporator fan controllers will be included in San Diego Gas and Electric 's (SDG&E) Express Efficiency 2000 rebate program. The program offers cash rebates to commercial customers who purchase and install energy - efficient items.

17/3,K/96 (Item 3 from file: 636)

DIALOG(R)File 636:Gale Group Newsletter DB(TM)

(c) 2005 The Gale Group. All rts. reserv.

04084699 Supplier Number: 53693771 (USE FORMAT 7 FOR FULLTEXT)

THE WHITE HOUSE: President and Vice President's FY 2000 budget -- Preparing America for the 21st century.

M2 Presswire, pNA

Feb 2, 1999

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 21674

... pollutants such as soot and smog.

Climate Change Technology Initiative. \$3.6 billion in tax incentives over five years for renewable energy and for the purchase of energy-efficient homes, cars and appliances; and \$1.4 billion in FY 2000 -- a 34 percent increase -- for the research, development and deployment of clean energy technologies and energy - efficient practices.

Restoring Pacific Coastal Salmon. The President is proposing a new \$100 million Pacific Coastal...

17/3,K/97 (Item 4 from file: 636)

DIALOG(R)File 636:Gale Group Newsletter DB(TM)

(c) 2005 The Gale Group. All rts. reserv.

03983771 Supplier Number: 53057087 (USE FORMAT 7 FOR FULLTEXT)

Tax Code Changes Sought.

Energy Conservation News, v21, n2, pNA

Sept 19, 1998

Language: English Record Type: Fulltext

Document Type: Newsletter; Trade
Word Count: 252

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

...and cooling systems; highly efficient water heaters; fuel cell cogeneration systems; and combined heat and **power** systems. The proposed **Energy Efficient** Technology Act will **offer** tax credits estimated to be worth \$3.6 billion over a 5-year period in a bid to cut energy use and lower emissions of greenhouse gases. For consumers, these **incentives** mean lower energy costs by providing tax credits to those **buying** energy efficient homes and cars.

17/3,K/98 (Item 5 from file: 636)

DIALOG(R)File 636:Gale Group Newsletter DB(TM)

(c) 2005 The Gale Group. All rts. reserv.

03763216 Supplier Number: 48143949 (USE FORMAT 7 FOR FULLTEXT)

HM CUSTOMS & EXCISE: VAT cut on energy saving brings better insulation to 40,000 homes a year

M2 Presswire, pN/A

Nov 26, 1997

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 683

... medium term the Government could explore with its partners in Europe the possibility of a **reduced rate** of VAT for a wider range of **installations** and DIY **purchases** of **energy saving** materials. This might **offer** new **incentives** for energy conservation to all households.

*M2 COMMUNICATIONS DISCLAIMS ALL LIABILITY FOR INFORMATION PROVIDED WITHIN...

17/3,K/99 (Item 6 from file: 636)

DIALOG(R)File 636:Gale Group Newsletter DB(TM)

(c) 2005 The Gale Group. All rts. reserv.

03412736 Supplier Number: 47024467 (USE FORMAT 7 FOR FULLTEXT)

Northeast Texas keeps SWEPCO supplies

Current Competition, v8, n1, pN/A

Jan 9, 1997

Language: English Record Type: Fulltext

Document Type: Newsletter; Trade

Word Count: 217

... producers, the Texas cooperative made a deal with Southwestern that involves restructuring all of its **purchases** from the **utility**. The deal means **savings** substantially greater **than** anything **offered** by the other bidders, said Jack Madden with GDS Associates, the consultant that assisted Northeast...

17/3,K/100 (Item 7 from file: 636)

DIALOG(R)File 636:Gale Group Newsletter DB(TM)

(c) 2005 The Gale Group. All rts. reserv.

02060286 Supplier Number: 43766810 (USE FORMAT 7 FOR FULLTEXT)

Trane Reports Breakthrough in R-123 Chiller Efficiency

Global Environmental Change Report, v5, n7, pN/A
April 9, 1993
Language: English Record Type: Fulltext
Document Type: Newsletter; Trade
Word Count: 1444

... province that sell motors to OEMs, most (63%) of their sales to OEMs are high- **efficiency** motors. The **utility offers** rebates for customers (US \$293 per kw saved), vendor **incentives** (another \$59/kw saved), and a **buy -back** program for old, inefficient motors. The total cost thus far of the efficient

17/3,K/101 (Item 8 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)
(c) 2005 The Gale Group. All rts. reserv.

01575899 Supplier Number: 42345547 (USE FORMAT 7 FOR FULLTEXT)
Wellstone To Offer Renewables-And Efficiency-Based Legislation
International Solar Energy Intelligence Report, v17, n18, pN/A
Sept 6, 1991
Language: English Record Type: Fulltext
Document Type: Magazine/Journal; Newsletter; Trade
Word Count: 536

... business loans, farm and rural integrated development projects, promotion of auto-efficiency and appliance programs, **incentives** for the **purchase** and **installation** of **energy efficiency** and renewable **energy** measures, and measures to affect consumer behavior and decision-making. At least 30% of the...

17/3,K/102 (Item 9 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)
(c) 2005 The Gale Group. All rts. reserv.

01253204 Supplier Number: 41323400 (USE FORMAT 7 FOR FULLTEXT)
Customers concerned about fate of gas program
Gas Daily, pN/A
May 7, 1990
Language: English Record Type: Fulltext
Document Type: Newsletter; Trade
Word Count: 289

... of 15-20% can have a big impact. The IGER program allows industrial cutomers to **purchase** spot gas at **price lower than** PSO can **purchase** it, and the **savings** are **exchanged** for **electricity** credits.

Producers would receive lower netbacks because NIGER gas normally commands a premium, though it...

?

Set	Items	Description
S1	0	AU=(TABER W? OR TABER, W?)
S2	889731	INSTALL? OR REPLACE? OR REPLACING OR EXCHANG? OR OFFER? OR DEPLOY?
S3	66308	(ENERGY OR POWER OR ELECTRIC? OR UTILIT???) (5N) (EFFICIEN? - OR SAVE? ? OR SAVING?)
S4	1141582	MEASUR? OR CALCULAT? OR DETERMIN? OR COMPUTE OR COMPUTES OR COMPUTING OR ESTIMAT?
S5	1375851	EQUIPMENT OR MERCHANDI? OR DEVICE? ? OR ELECTRONIC? ? OR G-ADGET? ? OR MACHINE? OR APPLIANCE?
S6	14383	DISCOUNT? OR REBATE OR INCENTIVE?
S7	1038677	(MORE OR HIGHER OR LESS? OR LOWER OR GREATER OR INCREASE? - OR DECREAS?) (2N) (THAN OR RATE? ?)
S8	69167	(REDUC??? OR LOWER) (2N) (PRICE OR CHARG??? OR RATE? ?)
S9	1716	S2(5N)S3
S10	14	S9(S)S8
S11	228	S9(S) (S6 OR S7)
S12	17	S11(15N)S4
S13	28	S10 OR S12

? show file

File 348:EUROPEAN PATENTS 1978-2005/Feb W03

(c) 2005 European Patent Office

File 349:PCT FULLTEXT 1979-2002/UB=20050217,UT=20050210

(c) 2005 WIPO/Univentio

13/3,K/1 (Item 1 from file: 348)
DIALOG(R) File 348:EUROPEAN PATENTS
(c) 2005 European Patent Office. All rts. reserv.

01829930

Energy management system, energy management method, and unit for providing
information on energy-saving recommended equipment
Energieverwaltungssystem, Energieverwaltungsverfahren und Einheit zur
Verfügungstellung von Informationen über energiesparende empfohlene
Einrichtung
systeme de gestion d'energie, procede de gestion d'energie et unite
fournissant des informations sur un equipement recommande economiseur
d'energie

PATENT ASSIGNEE:

MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., (216883), 1006, Oaza-Kadoma,
Kadoma-shi, Osaka 571-8501, (JP), (Applicant designated States: all)

INVENTOR:

Matsubayashi, Shigeaki, Matsushita El. Ind. Co., 1006, Oaza Kadoma,
Kadoma-shi Osaka 571-8501, (JP)
Nagamitsu, Sachio, Matsushita El. Ind. Co., 1006, Oaza Kadoma, Kadoma-shi
Osaka 571-8501, (JP)

LEGAL REPRESENTATIVE:

Vollnhals, Aurel (74952), Tiedtke-Buhling-Kinne & Partner (GbR),
TBK-Patent, Bavariaring 4, 80336 Munchen, (DE)

PATENT (CC, No, Kind, Date): EP 1489719 A2 041222 (Basic)

APPLICATION (CC, No, Date): EP 2004014256 040617;

PRIORITY (CC, No, Date): JP 2003176460 030620

DESIGNATED STATES: AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR;
HU; IE; IT; LI; LU; MC; NL; PL; PT; RO; SE; SI; SK; TR

EXTENDED DESIGNATED STATES: AL; HR; LT; LV; MK

INTERNATIONAL PATENT CLASS: H02J-013/00

ABSTRACT WORD COUNT: 162

NOTE:

Figure number on first page: 1

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200452	1775
SPEC A	(English)	200452	12301
Total word count - document A			14076
Total word count - document B			0
Total word count - documents A + B			14076

...SPECIFICATION the performance of a plurality of pieces of energy-saving
equipment whose energy consumption is **more** efficient **than** that of the
equipment; an **estimated** energy-quantity arithmetically-operating means
for **calculating**, based on the energy-saving equipment information
obtained by the energy-saving equipment-information obtaining...

...and the equipment information obtained by the equipment-information
obtaining means, the quantity of energy **estimated** when the equipment
which is used in a house is **replaced** with the **energy - saving**
equipment; an **energy - saving** recommended-equipment selecting means for
comparing the **estimated** energy quantity **calculated** by the **estimated**
energy-quantity arithmetically-operating means and the consumed energy
quantity obtained by the equipment-information...

...the performance of a plurality of pieces of energy-saving equipment
whose energy consumption is **more** efficient **than** that of the equipment

which is domestically used. Next, by the **estimated** energy-quantity arithmetically-operating means. based on the obtained energy-saving equipment information and the obtained equipment information, the quantity of energy **estimated** when the equipment which is used in a house is **replaced** with the **energy - saving** equipment is **calculated** . Then, by the energy-saving recommended-equipment selecting means, the **estimated** energy quantity which has been calculated and the consumed energy quantity which has been obtained...equipment selecting section 214 selects, as energy-saving recommended equipment, electrical equipment which has an **estimated** power consumption W that is **less than** the power consumption of the air conditioner actually used by a person who lives in a house. Herein, the power consumption W is **estimated** when a **replacement** is made with an **energy - saving** type of air conditioner. As described above, it is **calculated** by the energy-saving equipment **estimated** power-consumption arithmetically-operating section 201. Then, the energy-saving recommended-equipment selecting section 214...

...201, based on the obtained energy-saving equipment data and equipment information, the power consumption **estimated** when the electrical equipment which is used in a house is **replaced** with the **energy - saving** equipment is **calculated** . Then, by the energy-saving recommended-equipment selecting section 214, the **calculated estimated** power consumption and the power consumption included in the obtained equipment information are compared. Next, energy-saving equipment which has the **estimated** power consumption **less than** the power consumption is selected as energy-saving recommended equipment.

Therefore, when energy-saving equipment...

...equipment which is currently used and an outside-air temperature, the power consumption which is **estimated** when the electrical equipment which is currently used is **replaced** with **energy - saving** equipment can be **calculated** . Thus, using the power consumption of the electrical equipment which is currently used, energy-saving...201, based on the obtained energy-saving equipment data and equipment information, the power consumption **estimated** when the electrical equipment which is used in a house is **replaced** with the **energy - saving** equipment is **calculated** . Then, by the energy-saving recommended-equipment selecting section 214, the **estimated** power consumption which has been calculated and the power consumption which is included in the obtained equipment information are compared. Next, energy-saving equipment which has the **estimated** power consumption which is **less than** the power consumption is selected as energy-saving recommended equipment.

Therefore, when energy-saving equipment...

13/3,K/2 (Item 2 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
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01125907

Charging apparatus for charging an image bearing member

Aufladegerat zum Aufladen eines Bildtragers

Appareil de chargement pour charger un element portant image

PATENT ASSIGNEE:

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(JP), (Proprietor designated states: all)

INVENTOR:

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Chigono, Yasunori, c/o Canon K. K., 3-30-2 Shimomaruko, Ohta-ku, Tokyo,

(JP)

Hirabayashi, Jun, c/o Canon K. K., 3-30-2 Shimomaruko, Ohta-ku, Tokyo,
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LEGAL REPRESENTATIVE:

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Box 20 19 18, 80019 Munchen, (DE)

PATENT (CC, No, Kind, Date): EP 984333 A2 000308 (Basic)
EP 984333 A3 010801
EP 984333 B1 041201

APPLICATION (CC, No, Date): EP 99117363 990903;

PRIORITY (CC, No, Date): JP 98267406 980904

DESIGNATED STATES: DE; FR; GB; IT

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: G03G-015/02

ABSTRACT WORD COUNT: 73

NOTE:

Figure number on first page: 1

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200010	377
CLAIMS B	(English)	200449	489
CLAIMS B	(German)	200449	416
CLAIMS B	(French)	200449	552
SPEC A	(English)	200010	10765
SPEC B	(English)	200449	10614
Total word count - document A			11143
Total word count - document B			12071
Total word count - documents A + B			23214

...SPECIFICATION performance enhancing particle to be triboelectrically charged. Therefore, the resistivity is desired to be no **less than** 10⁻²) ohm.cm.

The electrical resistance of the charging performance enhancing particle is **determined** by measuring the electrical resistance of the charging performance enhancing particle by a tablet method...

...the electrical resistance of its surface layer. In a charging system based on a direct **charge** injection principle, **reducing** the electrical resistance on the side of an object to be charged improves the **efficiency** with which **electrical** charge is **exchanged**. On the other hand, when the charge injection layer constitutes the surface layer of an ...

...SPECIFICATION performance enhancing particle to be triboelectrically charged. Therefore, the resistivity is desired to be no **less than** 10⁻²) ohm.cm.

The electrical resistance of the charging performance enhancing particle is **determined** by measuring the electrical resistance of the charging performance enhancing particle by a tablet method...the electrical resistance of its surface layer. In a charging system based on a direct **charge** injection principle, **reducing** the electrical resistance on the side of an object to be charged improves the **efficiency** with which **electrical** charge is **exchanged**. On the other hand, when the charge injection layer constitutes the surface layer of an ...

13/3,K/3 (Item 3 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS
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01125865

Charging apparatus which stores electrically conductive particles in granule form

Aufladegerat mit Aufbewahrung von elektrisch leitenden Teilchen in Granulatform

Appareil de chargement emmagasinant des particules electroconductrices en forme de granules

PATENT ASSIGNEE:

CANON KABUSHIKI KAISHA, (542366), 3-30-2 Shimomaruko, Ohta-ku, Tokyo, (JP), (Proprietor designated states: all)

INVENTOR:

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Ishiyama, Harumi, Canon Kabushiki Kaisha, 30-2, Shimomaruko 3-chome, Ohta-ku, Tokyo, (JP)

Hirabayashi, Jun, Canon Kabushiki Kaisha, 30-2, Shimomaruko 3-chome, Ohta-ku, Tokyo, (JP)

LEGAL REPRESENTATIVE:

Buhling, Stefan et al (88071), Tiedtke-Buhling-Kinne & Partner
Patentanwalte Bavariaring 4, 80336 Munchen, (DE)

PATENT (CC, No, Kind, Date): EP 984332 A2 000308 (Basic)

EP 984332 A3 010816

EP 984332 B1 031210

APPLICATION (CC, No, Date): EP 99117196 990901;

PRIORITY (CC, No, Date): JP 98247082 980901

DESIGNATED STATES: DE; FR; GB; IT

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: G03G-013/02

ABSTRACT WORD COUNT: 56

NOTE:

Figure number on first page: 1

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200010	219
CLAIMS B	(English)	200350	233
CLAIMS B	(German)	200350	232
CLAIMS B	(French)	200350	252
SPEC A	(English)	200010	12370
SPEC B	(English)	200350	12305
Total word count - document A			12591
Total word count - document B			13022
Total word count - documents A + B			25613

...SPECIFICATION layer 16 is its electrical surface resistance. In a charging system based on a direct **charge** injection principle, **reducing** the electrical resistance on the side of an object to be charged enhances the **efficiency** with which **electrical** charge is **exchanged** . On the other hand, it is not desired that the electrical resistance on the side...

...SPECIFICATION layer 16 is its electrical surface resistance. In a charging system based on a direct **charge** injection principle, **reducing** the electrical resistance on the side of an object to be charged enhances the **efficiency** with which **electrical** charge is **exchanged** . On the other hand, it is not desired that the electrical resistance on

the side...

13/3,K/4 (Item 4 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

(c) 2005 European Patent Office. All rts. reserv.

00431775

Radiant plaque heater.

Heizofen mit Warmestrahlungsplatte.

Four de chauffage muni d'une plaque radiante.

PATENT ASSIGNEE:

ADVENTEC LIMITED, (1256220), Aston Science Park, Aston Triangle,

Birmingham B4 7BJ, (GB), (applicant designated states:

AT;BE;CH;DE;DK;ES;FR;GB;GR;IT;LI;LU;NL;SE)

INVENTOR:

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PATENT (CC, No, Kind, Date): EP 408397 A2 910116 (Basic)

EP 408397 A3 910605

EP 408397 B1 940413

APPLICATION (CC, No, Date): EP 90307730 900716;

PRIORITY (CC, No, Date): GB 8916237 890714

DESIGNATED STATES: AT; BE; CH; DE; DK; ES; FR; GB; GR; IT; LI; LU; NL; SE

INTERNATIONAL PATENT CLASS: F24H-003/10; F24C-003/04; F24C-001/08;

ABSTRACT WORD COUNT: 102

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	EPBBF1	335
CLAIMS B	(German)	EPBBF1	313
CLAIMS B	(French)	EPBBF1	362
SPEC B	(English)	EPBBF1	990
Total word count - document A			0
Total word count - document B			2000
Total word count - documents A + B			2000

...SPECIFICATION over-pressure exists beneath the plaque and inhibits any tendency for air to be drawn **inwardly** through the open **end** 2 of the casing **and** thereby **substantially** prevents the radiant plaque 3 from being contacted by an **upward** **inflow** of cool air which ...have shown that the heater of the invention in the form described incorporating a heat **exchanger** can achieve an **efficiency** approaching 50% of the **energy** input, **measured** as radiant heat output, in comparison with an efficiency of **less than** 30% obtained in many conventional radiant plaque heaters.

The heat exchanger may be demountable, or...

13/3,K/5 (Item 5 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

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00418776

Pressure control system for suspension.

Drucksteuervorrichtung einer Aufhangung.
Systeme de commande de pressions pour une suspension.

PATENT ASSIGNEE:

AISIN SEIKI KABUSHIKI KAISHA, (203721), 1, Asahi-machi 2-Chome, Kariya City Aichi Pref., (JP), (applicant designated states: DE;FR;GB)
TOYOTA JIDOSHA KABUSHIKI KAISHA, (203741), 1, Toyota-cho Toyota-shi, Aichi-ken, (JP), (applicant designated states: DE;FR;GB)

INVENTOR:

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Iguchi, Yutaka, 5-1-1, Futamuradai, Toyoake city, Aichi prefecture, (JP)
Aburaya, Toshio, 1-10-4, Takagami, Toyota city, Aichi prefecture, (JP)
Kawanishi, Masaki, 530, Toyota-cho, Toyota city, Aichi prefecture, (JP)
Sato, Kunihito, 527, Imazato, Susono-city, Shizuoka prefecture, (JP)
Yonekawa, Takashi, 25-1, Fujimidai, Mishima city, Shizuoka prefecture, (JP)
Buma, Shuuichi, 114-233, Sakanose, Kosema-cho, Toyota city, Aichi prefecture, (JP)

LEGAL REPRESENTATIVE:

Tiedtke, Harro, Dipl.-Ing. et al (11949), Patentanwaltsburo
Tiedtke-Buhling-Kinne & Partner Bavariaring 4, D-80336 Munchen, (DE)

PATENT (CC, No, Kind, Date): EP 419865 A1 910403 (Basic)
EP 419865 B1 931208

APPLICATION (CC, No, Date): EP 90116401 900827;

PRIORITY (CC, No, Date): JP 89221241 890828

DESIGNATED STATES: DE; FR; GB

INTERNATIONAL PATENT CLASS: G01M-017/04; B60G-017/015;

ABSTRACT WORD COUNT: 113

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	EPBBF1	706
CLAIMS B	(German)	EPBBF1	407
CLAIMS B	(French)	EPBBF1	547
SPEC B	(English)	EPBBF1	18515
Total word count - document A			0
Total word count - document B			20175
Total word count - documents A + B			20175

...SPECIFICATION to calculate ITh in the subroutine 44 may be replaced by a corresponding equation to **calculate** the pitch error correction ITP; table 3H may be **replaced** by a coefficient table (**4P**) **which** is used to **calculate** the pitch correction ITP; ITH2, ITh appearing in step 45 may be replaced by ITP2...

13/3,K/6 (Item 6 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

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00238539

Method for removing SO2 from gas streams.

Verfahren zum Entfernen von SO2 aus Gasstromen.

Methode d'elimination de SO2 de courants gazeux.

PATENT ASSIGNEE:

NORTON COMPANY, (234080), 1 New Bond Street, Worcester Massachusetts 01606, (US), (applicant designated states: AT;BE;CH;DE;FR;GB;IT;LI;NL;SE)

INVENTOR:

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LEGAL REPRESENTATIVE:
Zumstein, Fritz, Dr. (13566), Dr. F. Zumstein Dr. E. Assmann Dipl.-Ing.
F. Klingseisen Brauhausstrasse 4, D-80331 Munchen, (DE)
PATENT (CC, No, Kind, Date): EP 235713 A2 870909 (Basic)
EP 235713 A3 900523
EP 235713 B1 931013
APPLICATION (CC, No, Date): EP 87102504 870223;
PRIORITY (CC, No, Date): US 835842 860303; US 899706 860822
DESIGNATED STATES: AT; BE; CH; DE; FR; GB; IT; LI; NL; SE
INTERNATIONAL PATENT CLASS: B01D-053/34;
ABSTRACT WORD COUNT: 87

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	EPBBF1	255
CLAIMS B	(German)	EPBBF1	210
CLAIMS B	(French)	EPBBF1	275
SPEC B	(English)	EPBBF1	1631
Total word count - document A			0
Total word count - document B			2371
Total word count - documents A + B			2371

...SPECIFICATION space taken up by the liquid. (Table omitted) (Table omitted)

The use of a single **packed** bed greatly **reduces** the capital cost of the absorber compared to present design practice used in Wellman-Lord...

...energy savings possible.

Partial capital cost and energy saving benefits can be achieved by using **less than** optimum arrangements of this **process** invention. That is, rather than **replacing** all of the pump-a-round sections in prior absorption processes with a single packed...

13/3,K/7 (Item 7 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
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00223746

Integrated circuit and optimization method therefore.

Integrierte Schaltung und Optimierungsverfahren dafür.

Circuit integre et methode d'optimisation de celui-ci.

PATENT ASSIGNEE:

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INVENTOR:

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Fishburn, John Philip, 236 North Jackson Avenue, North Plainfield New Jersey 07060, (US)

LEGAL REPRESENTATIVE:

Buckley, Christopher Simon Thirsk et al (28912), AT&T (UK) LTD., AT&T Intellectual Property Division, 5 Mornington Road, Woodford Green, Essex IG8 0TU, (GB)

PATENT (CC, No, Kind, Date): EP 223526 A2 870527 (Basic)
EP 223526 A3 880907
EP 223526 B1 940112

APPLICATION (CC, No, Date): EP 86308706 861107;
PRIORITY (CC, No, Date): US 798557 851115

DESIGNATED STATES: DE; FR; GB; IT; NL
INTERNATIONAL PATENT CLASS: G06F-015/60;
ABSTRACT WORD COUNT: 149

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	EPBBF1	491
CLAIMS B	(German)	EPBBF1	441
CLAIMS B	(French)	EPBBF1	534
SPEC B	(English)	EPBBF1	4923
Total word count - document A			0
Total word count - document B			6389
Total word count - documents A + B			6389

...SPECIFICATION output are investigated by examining, in turn, each transistor which could have an effect on **that** output (block 120 in FIG. 4). To perform **the** examination, two numbers **are** assigned to each **electrical** node: t(sub 1) (latest-time-to-go-low), and t(sub(h)) (latest-time...

13/3,K/8 (Item 1 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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01192301 **Image available**

METHOD AND APPARATUS FOR DYNAMIC PREFETCH BUFFER CONFIGURATION AND REPLACEMENT

PROCEDE ET DISPOSITIF DE CONFIGURATION ET DE REMPLACEMENT DYNAMIQUES DE TAMPON DE PRELECTURE

Patent Applicant/Assignee:

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Legal Representative:

KING Robert L (et al) (agent), Corporate Law Department, Intellectual Property Section, 7700 West Farmer Lane, MD: TX32/PL02, Austin, Texas 78729, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 2004114370 A2 20041229 (WO 04114370)

Application: WO 2004US19625 20040618 (PCT/WO US04019625)

Priority Application: US 2003600959 20030620

Designated States:

(All protection types applied unless otherwise stated - for applications 2004+)

AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM
DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO
RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO
SE SI SK TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English
Fulltext Word Count: 4845

Fulltext Availability:
Detailed Description

Detailed Description

... the miss rate and improve the power and performance characteristics of the system.

The miss **rate** is **reduced** by efficient prefetching of future bus master requests. Power is reduced by minimizing unnecessary prefetching
...

...efficiently organized in a dynamic manner to accommodate numerous system features and has data therein **efficiently replaced** to minimize **power** and enhance system performance.

The prefetch buffer replacement method is more efficient than conventional memory...

13/3,K/9 (Item 2 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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01177912 **Image available**

PERSONAL TRANSPORTATION SYSTEM
SYSTEME DE TRANSPORT DE PERSONNES

Patent Applicant/Inventor:

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200498971 A2 20041118 (WO 0498971)

Application: WO 2004US12996 20040504 (PCT/WO US04012996)

Priority Application: US 2003249753 20030505

Designated States:

(All protection types applied unless otherwise stated - for applications 2004+)

AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM
DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO
RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO
SE SI SK TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 9788

Fulltext Availability:
Detailed Description

Detailed Description

... low drag of steel rail will offer an energy saving of about 25%. The high **efficiency** of the **electric** motor and **electricity** generation will offer an **energy saving** of about 50%. It is **estimated** the fuel consumption of the autocar is about 5% of an average automobile. If we...

13/3,K/10 (Item 3 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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01153014 **Image available**

CONNECTOR AND INSULATING BOOT FOR DIFFERENT SIZED CONDUCTORS AND ASSOCIATED METHODS

CONNECTEUR ET BOTTE ISOLANTE POUR DECONNECTEURS DE TAILLES DIFFERENTES ET PROCEDES ASSOCIES

Patent Applicant/Assignee:

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Legal Representative:

REGAN Christopher F (et al) (agent), ALLEN, DYER, DOPPELT, MILBRATH &
GILCHRIST, P.A., 255 S Orange Avenue, Suite 1401, Orlando, FL 32801, US

Patent and Priority Information (Country, Number, Date):

Patent: WO 200475359 A1 20040902 (WO 0475359)

Application: WO 2004US4473 20040218 (PCT/WO US04004473)

Priority Application: US 2003448019 20030218; US 2003499144 20030829

Designated States:

(All protection types applied unless otherwise stated - for applications 2004+)

AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM
DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO
RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE
SI SK TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 8257

Fulltext Availability:

Detailed Description

Detailed Description

... the connector.

[0006] There is also a trend to require less highly skilled craftsman to **install** the connectors as a cost **savings** **measure** for **utilities** and their subcontractors. Instances of improper installation are more likely to occur as training and...

13/3,K/11 (Item 4 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT

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01122182 **Image available**

A DEVICE, SYSTEM AND METHOD FOR INCREASING MULTIPLE OCCUPANCY OF HYDROGEN ISOTOPES IN A HOST LATTICE

DISPOSITIF, SYSTEME ET PROCEDE PERMETTANT D'AUGMENTER L'OCCUPATION MULTIPLE D'ISOTOPES D'HYDROGENE DANS UN RESEAU HOTE

Patent Applicant/Inventor:

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MULLICAN Kevin, 3425 Lambeth Street, Los Angeles, CA 90027, US, US (Residence), US (Nationality)

Legal Representative:

HANCHUK Walter G (et al) (agent), Morgan & Finnegan, LLP, 345 Park Avenue, New York, NY 10154, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200444923 A2 20040527 (WO 0444923)

Application: WO 2003US15713 20030519 (PCT/WO US03015713)

Priority Application: US 2002381863 20020518; US 2003449247 20030214

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ
EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR
LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE
SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW

(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE
SI SK TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 39898

Fulltext Availability:

Claims

Claim

... many-site models that we have studied indicate that the new reactions can be rather **efficient** at **exchanging** nuclear **energy** for lattice energy. Support for this view comes from direct **calculation** of models that describe the associated physics. Support for this view comes from experiment in...

...makes them much more stable. In the model, this is required for the system to **exchange energy efficiently** with the lattice. We note that Takahashi [presented at ICCF9, not yet published] has reported...C has the effect of lowering the molecular deuterium concentration in the metal, and should **lower** the reaction **rate**. Support for this comes from many electrochemical experiments in which the heat production rate is...on the order of 100 fin or greater appears to follow from the phonon exchange **calculations** in order to produce stable compact states. Helium is required in order to **increase** the reaction

rate (4He for the d+d reactions and 3He for the p+d reactions). There needs...

- ...10 compact state and helium species present within a phonon coherence domain in order to **exchange energy efficiently** between the nuclear and phononic degrees of freedom. Devices that satisfy these constraints are predicted...
- ...is being focused on hydrogen fuel cells and hydrogen internal combustion engines as means to **reduce the rate** of carbon dioxide emission accompanying power generation both stationary electrical and motive. Both technologies (fuel...

13/3,K/12 (Item 5 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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01006987

A NOVEL PHARMACEUTICAL COMPOUND CONTAINING ABACAVIR SULFATE AND METHODS OF MAKING AND USING SAME

NOUVEAU COMPOSE PHARMACEUTIQUE CONTENANT DU SULFATE D'ABACAVIR ET PROCEDES DE FABRICATION ET D'UTILISATION ASSOCIES

Patent Applicant/Assignee:

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Patent Applicant/Inventor:

PICARIELLO Thomas, 203 Murphy Street, N.E., Blacksburg, VA 24060, US, US (Residence), US (Nationality)

Legal Representative:

SCHULMAN Robert M (et al) (agent), Intellectual Property Department, Hunton & Williams, 1900 K Street, N.W., Suite 1200, Washington, DC 20006-1109, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200334980 A2 20030501 (WO 0334980)

Application: WO 2001US43089 20011114 (PCT/WO US0143089)

Priority Application: US 2000274622 20001114; US 2000247621 20001114; US 2000247620 20001114; US 2000247595 20001114; US 2000247594 20001114; US 2000247635 20001114; US 2000247634 20001114; US 2000247606 20001114; US 2000247607 20001114; US 2000247608 20001114; US 2000247609 20001114; US 2000247610 20001114; US 2000247611 20001114; US 2000247702 20001114; US 2000247701 20001114; US 2000247700 20001114; US 2000247699 20001114; US 2000247698 20001114; US 2000247807 20001114; US 2000247833 20001114; US 2000247832 20001114; US 2000247927 20001114; US 2000247926 20001114; US 2000247930 20001114; US 2000247929 20001114; US 2000247928 20001114; US 2000247797 20001114; US 2000247805 20001114; US 2000247804 20001114; US 2000247803 20001114; US 2000247802 20001114; US 2000247801 20001114; US 2000247800 20001114; US 2000247799 20001114; US 2000247798 20001114; US 2000247561 20001114; US 2000247560 20001114; US 2000247559 20001114; US 2000247558 20001114; US 2000247556 20001114; US 2000247612 20001114; US 2000247613 20001114; US 2000247614 20001114; US 2000247615 20001114; US 2000247616 20001114; US 2000247617 20001114; US 2000247633 20001114; US 2000247632 20001114; US 2000247631 20001114; US 2000247630 20001114; US 2000247629 20001114; US 2000247628 20001114; US 2000247627 20001114; US 2000247626 20001114; US 2000247625 20001114; US 2001247954 20011114

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ
EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR
LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI

SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 1363212

13/3,K/13 (Item 6 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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01004440 **Image available**

A METHOD OF OPERATING A NUCLEAR POWER PLANT

PROCEDE D'EXPLOITATION D'UNE CENTRALE NUCLEAIRE

Patent Applicant/Assignee:

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for: US)

Legal Representative:

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200334443 A1 20030424 (WO 0334443)

Application: WO 2002IB4161 20021010 (PCT/WO IB0204161)

Priority Application: ZA 20018370 20011011

Designated States:

(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ
EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR
LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI
SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 3351

Fulltext Availability:

Detailed Description

Detailed Description

... transition, the high pressure and the low
pressure turbine/compressors are operating at signif icantly **reduced**
mass
flow **rates** , which means low **efficiency** levels, and significantly
less
energy is dumped into the heat **exchanger** . The average core
temperature increases and the nuclear power generated in the core
decreases. This...pressure and low
0 pressure turbine/compressors 16, 30/18, 26 are operating at

significantly **reduced** mass flow **rates** , which means low **efficiency** levels
and significantly less **energy** is dumped into the heat **exchangers** 24, 28.

The average core temperature increases and the nuclear power generated in the core...

13/3,K/14 (Item 7 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00987993

DEVICE USING A MEDIUM HAVING A HIGH HEAT TRANSFER RATE
DISPOSITIF DOTE D'UN SUPPORT A TAUX DE TRANSFERT THERMIQUE ELEVE

Patent Applicant/Assignee:

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200316811 A2-A3 20030227 (WO 0316811)

Application: WO 2002US25330 20020809 (PCT/WO US02025330)

Priority Application: US 2001928883 20010813

Parent Application/Grant:

Related by Continuation to: US 2001928883 20010813 (CIP)

Designated States:

(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ
EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR
LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI
SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 126743

Fulltext Availability:
Detailed Description

Detailed Description

... exchange area and to enhance heat transfer effect. A fan is further installed at a lower portion of the heat releasing end so as to force counter-flow heat exchange by...pre-heaters with pipe banks are usually adopted in conventional heat recovery apparatus, the heat exchange efficiency of which is poor since this apparatus can only recover partial afterheat

13/3,K/15 (Item 8 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00952055 **Image available**

**IN SITU RECOVERY FROM A RELATIVELY LOW PERMEABILITY FORMATION CONTAINING
HEAVY HYDROCARBONS**
**RECUPERATION IN SITU DANS UNE FORMATION A PERMEABILITE RELATIVEMENT BASSE
CONTENANT DES HYDROCARBURES**

Patent Applicant/Assignee:

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SHAHIN Gordon T, 4801 Cedar Street, Bellaire, TX 77401, US,
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DE ROUFFIGNAC Eric, 4040 Ruskin, Houston, TX 77005, US,
STEGEMEIER George L, 5819 Queensloch Drive, Houston, TX 77096, US,
BERCHENKO Ilya E, 2102 Pine Drive, Friendswood, TX 77546, US,
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FOWLER Thomas D, 634 Aldersgate Court, Katy, TX 77450, US,
COLES John M, 703 Park Meadow Drive, Katy, TX 77450, US,
SCHOELING Lanny, 2006 Emerald Loft Circle Drive, Katy, TX 77450, US,
CARL Fred G, 8406 Edgemoor Drive, Houston, TX 77036, US,
HUNSUCKER Bruce G, 5149 Mockingbird Lane, Katy, TX 77493, US,
BAXLEY Philip T, 107 McTighe Drive, Bellaire, TX 77401, US,
BIELAMOWICZ Lawrence J, 5223 Chestnut, Bellaire, TX 77401, US,
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PRATT Kip, Box 4, Site 7, RR-1, Cochrane, Alberta T4C 1A1, CA,
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BASS Ronald, 3772 Ingold Street, Houston, TX 77005, US,
MIKUS Tom, 906 Coachlight Drive, Houston, TX 77077-1108, US,
GLANDT Carlos, Insulindeweg 27, NL-2612 EL Delft, NL,

Legal Representative:

MEYERTONS Eric B (agent), Conley, Rose & Tayon, P.C., P.O. Box 398,

Austin, TX 78767-0398, US,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200286029 A2 20021031 (WO 0286029)
Application: WO 2002US13121 20020424 (PCT/WO US0213121)
Priority Application: US 2001286083 20010424; US 2001340185 20011024
Designated States:
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)
AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ
EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR
LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI
SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 417978
Fulltext Availability:
Detailed Description

Detailed Description

... FIG. 49 illustrates a flow chart of an embodiment of a computer-implemented method for **determining** a selected overburden thickness.

FIG. 50 illustrates a schematic diagram of a plan

13/3,K/16 (Item 9 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00952047 **Image available**

IN SITU RECOVERY FROM A OIL SHALE FORMATION

RECUPERATION D'HUILE IN SITU A PARTIR D'UNE FORMATION DE SCHISTE BITUMINEUX

Patent Applicant/Assignee:

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, CA (Residence), CA (Nationality), (Designated only for: CA)

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BERCHENKO Ilya E, 2102 Pine Drive, Friendswood, TX 77546, US,
ZHANG Etuan, 5425 Loch Lomond Drive, Houston, TX 77096, US,
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SCHOELING Lanny, 2006 Emerald Loft Circle Drive, Katy, TX 77450, US,
CARL Fred G, 8406 Edgemoor Drive, Houston, TX 77036, US,
HUNSUCKER Bruce G, 5149 Mockingbird Lane, Katy, TX 77493, US,
BAXLEY Philip T, 107 McTighe Drive, Bellaire, TX 77401, US,
BIELAMOWICZ Lawrence J, 5223 Chestnut, Bellaire, TX 77401, US,
MESSIER Margaret, 1404 4A Street NW, Calgary, Alberta T2M 3B1, CA,
PRATT Kip, Box 4, Site 7, RR-1, Cochrane, Alberta T4C 1A1, CA,
LEPPER Bruce, 115 Waterloo Drive S.W., Calgary, Alberta T3C 3G4, CA,
BASS Ronald, 3772 Ingold Street, Houston, TX 77005, US,
MIKUS Tom, 906 Coachlight Drive, Houston, TX 77077-1108, US,
GLANDT Carlos, Insulindeweg 27, NL-2612 EL Delft, NL,

Legal Representative:

MEYERTONS Eric B (agent), Meyertons, Hood, Kivlin, Kowert & Goetzl,
P.C., P.O. Box 398, Austin, TX 78767-0398, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200286018 A2-A3 20021031 (WO 0286018)

Application: WO 2002US13311 20020424 (PCT/WO US2002013311)

Priority Application: US 2001286062 20010424; US 2001337249 20011024

Designated States:

(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ
EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR
LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI
SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 417358

Fulltext Availability:

Claims

Claim

... used in the overburden. Reducing the electrical resistance of the
conductor in the overburden may **reduce** electricity losses to heating
the conduit in the overburden portion and thereby increase the available
...increased from about 0. 5 to about 0 Increasing the emissivity of the
conductor may **reduce** an operating temperature of the conductor.
Operating the conductor at lower temperatures may increase an...shale
formation. For example, assembling the heat source at the site of the
formation may **reduce** costs for transporting assembled heat sources over
long distances. In addition, heat sources may be...may also be spooled
onto spool 8660, transported to an opening in a formation, and **installed**
into the opening as is described for conductor-in-conduit heat source of
desired length...while the spool remains on the bed of a truck or train.
In some embodiments, **more than** one conductor-in-conduit heat source
of desired length 8654 may be installed at one

13/3,K/17 (Item 10 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00927870 **Image available**

TRANSMISSION AND RECEPTION OF DUOBINARY MULTILEVEL PULSE-AMPLITUDE-MODULATED OPTICAL SIGNALS USING FINITE-STATE MACHINE-BASED ENCODER
EMISSION ET RECEPTION DE SIGNAUX OPTIQUES MODULES EN AMPLITUDE ET EN IMPULSION A NIVEAUX MULTIPLES DUOBINAIRES AU MOYEN D'UN CODEUR A BASE DE MACHINE D'ETATS-FINIS

Patent Applicant/Assignee:

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Inventor(s):

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Legal Representative:

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200261984 A1 20020808 (WO 0261984)

Application: WO 2002US2340 20020128 (PCT/WO US0202340)

Priority Application: US 2001774288 20010129

Designated States:

(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ
EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR
LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI
SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 23370

Fulltext Availability:

Detailed Description

Detailed Description

... symbol interval. In this approach, the information bit stream is
divided into multiple substreams at **lower** bit **rates**, and each
substream is modulated onto an electrical subcarrier at a different
subcarrier frequency. The...

...does not necessarily reduce the total optical bandwidth of the
transmitted signal. Multiple-subcarrier modulation **offers** poor average
optical- **power efficiency** (e.g., compared to on-off keying, which is
the same as 2-ary pulse...

13/3,K/18 (Item 11 from file: 349)

DIALOG(R) File 349: PCT FULLTEXT

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00927865 **Image available**

TRANSMISSION AND RECEPTION OF DUOBINARY PAM OPTICAL SIGNAL

**TRANSMISSION ET RECEPTION DE SIGNAUX OPTIQUES DUOBINAIRES MULTINIVEAUX A
MODULATION D'IMPULSIONS EN AMPLITUDE AU MOYEN D'UN CODEUR SOUSTRACTIF**

Patent Applicant/Assignee:

STRATALIGHT COMMUNICATIONS INC, 2105 South Bascom Avenue, Suite 300,

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Patent and Priority Information (Country, Number, Date):
Patent: WO 200261978 A1 20020808 (WO 0261978)
Application: WO 2002US2391 20020128 (PCT/WO US0202391)
Priority Application: US 2001772799 20010129
Designated States:
(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)
AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ
EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR
LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI
SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 16037

Fulltext Availability:
Detailed Description

Detailed Description

... symbol interval. In this approach, the information bit stream is
divided into multiple substreams at **lower** bit **rates**, and each
substream is modulated onto an electrical subcarrier at a different
subcarrier frequency. The...

...does not necessarily reduce the total optical bandwidth of the
transmitted signal. Multiple-subcarrier modulation **offers** poor average
optical- **power efficiency** (e.g., compared to on-off keying, which is
the same as 2-ary pulse...

13/3,K/19 (Item 12 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2005 WIPO/Univentio. All rts. reserv.

00909044 **Image available**

FISSION-VOLTAIC REACTOR

REACTEUR VOLTAIQUE A FISSION

Patent Applicant/Assignee:

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1888, Albuquerque, NM 87103, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200243076 A2-A3 20020530 (WO 0243076)

Application: WO 2001US44666 20011119 (PCT/WO US0144666)

Priority Application: US 2000716388 20001120

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ
EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR
LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL
TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 5750

Fulltext Availability:

Detailed Description

Detailed Description

... the 0.085 watt/cm² (1.5 Mg/CM²) fission source incorporated in the reactor **calculation** of the present invention.

[00301 The energy exchange in the conversion device itself farther reduces **energy efficiency**. The incremental kinetic **energy exchange** process between incident photons and electrons resident in the deposition region of the semiconductor must...

13/3,K/20 (Item 13 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00885161 **Image available**

METHOD AND APPARATUS FOR ENHANCING LED DISPLAY'S PERFORMANCE VIA THERMAL MANAGEMENT THEREOF

PROCEDE ET APPAREIL PERMETTANT D'AMELIORER LES PERFORMANCES D'AFFICHAGE DES DIODES ELECTROLUMINESCENTES GRACE A LA GESTION THERMIQUE DE CES DERNIERES

Patent Applicant/Assignee:

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Inventor(s):

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SG,

YUAN Tah Ming, Blk 466, Hougang Avenue 8, #09-1532, Singapore 530466, SG,

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Legal Representative:

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200219303 A1 20020307 (WO 0219303)

Application: WO 2001SG175 20010831 (PCT/WO SG0100175)

Priority Application: SG 20005006 20000901

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ
EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR
LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PH PL PT RO RU SD SE SI SK SL
TJ TM TR TT TZ UA UG UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 2542

Fulltext Availability:

Detailed Description

Detailed Description

... than IO Waft, as compared with a 150 Waft incandescent lamp R is
intended to **replace** . Published **estimates** of the **energy** savings
that can
be achieved due to the replacement of a red signal head with an...

13/3,K/21 (Item 14 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

(c) 2005 WIPO/Univentio. All rts. reserv.

00871027 **Image available**

**METHOD AND SYSTEM FOR CONTROLLING AND COORDINATING DEVICES AND APPLIANCES,
SUCH AS FROM A CENTRAL PORTAL AND VIA A WIDE/AREA COMMUNICATIONS
NETWORK**

**PROCEDE ET SYSTEME PERMETTANT DE COMMANDER ET COORDONNER DES DISPOSITIFS ET
APPAREILS, PAR EXEMPLE A PARTIR D'UN PORTAIL CENTRAL ET PAR LE BIAIS
D'UN RESEAU DE COMMUNICATIONS LONGUE PORTEE**

Patent Applicant/Assignee:

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Legal Representative:

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200205118 A2-A3 20020117 (WO 0205118)

Application: WO 2001US21392 20010706 (PCT/WO US0121392)

Priority Application: US 2000216447 20000706

Designated States:

(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ
EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR
LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL
TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 10601

Fulltext Availability:
Detailed Description

Detailed Description

... and using this information to open or close windows and program a VCR,
or enabling **electric utilities** to **offer** **Thermy Saver** " service
bundles that, in return for **lower rates** , allow the utility to
rriodify thermostat settings or shut off or postpone particular
energy-consuming...

13/3,K/22 (Item 15 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00499682 **Image available**

A METHOD FOR MAKING GLYCOL IN AN ADIABATIC REACTOR SYSTEM
PROCEDE DE FABRICATION DE GLYCOL DANS UN ENSEMBLE REACTEUR ADIABATIQUE

Patent Applicant/Assignee:

THE DOW CHEMICAL COMPANY,
STRICKLER Gary R,
LANDON Von G,
LEE Guo-shuh John,
RIEVERT William J,

Inventor(s):

STRICKLER Gary R,
LANDON Von G,
LEE Guo-shuh John,
RIEVERT William J,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9931034 A1 19990624
Application: WO 98US25987 19981208 (PCT/WO US9825987)
Priority Application: US 9769972 19971218; US 9889188 19980612

Designated States:

(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)

AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW
MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW
GH GM KE LS MW SD SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH CY DE DK
ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN GW ML MR NE
SN TD TG

Publication Language: English
Fulltext Word Count: 12548

English Abstract

...undergoes swelling during its useful lifetime, and the adiabatic
reactor operates under conditions sufficient to **reduce** the **rate** of
catalyst swelling relative to a non-adiabatic reactor system. Other
aspects of the invention...

...reactors in combination with the cross exchange of heat between feeds
and products with heat **exchangers** , such that an **energy efficient**
process that provides long catalyst stability and minimal catalyst
swelling results.

13/3,K/23 (Item 16 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2005 WIPO/Univentio. All rts. reserv.

00417718 **Image available**

**SYSTEM AND METHOD FOR ENERGY MEASUREMENT AND VERIFICATION WITH CONSTANT
BASELINE REFERENCE**
**SYSTEME ET PROCEDE DE MESURE ET DE CONTROLE DE L'ENERGIE AVEC REFERENCE DE
LA LIGNE DE BASE CONSTANTE**

Patent Applicant/Assignee:

EMV TECHNOLOGIES INC,
PACKA Daniel E,
MASON Jeffrey A,
HONDROULIS James E,
JOHNSON Keith R,

Inventor(s):

PACKA Daniel E,
MASON Jeffrey A,
HONDROULIS James E,
JOHNSON Keith R,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9808179 A1 19980226
Application: WO 97US14207 19970820 (PCT/WO US9714207)
Priority Application: US 96701487 19960822; US 9738462 19970220

Designated States:

(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)

AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU
IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL
PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW GH KE LS MW
SD SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH DE DK ES FI FR GB GR IE
IT LU MC NL PT SE BF BJ CF CG CI CM GA GN ML MR NE SN TD TG

Publication Language: English

Fulltext Word Count: 8696

Fulltext Availability:

Detailed Description

Detailed Description

... systems. Further, the cost of these devices alone may exceed the cost
of an entire **energy saving retrofit installation** .

In summary, current **energy measurement** and verification methods are
perhaps best characterized by the United States Department of Energy
Office...

...limitations inherent in these existing techniques
significantly hinder the greater use of existing energy savings **measures**
and lessen
the **incentive** for development new technology that would enhance energy
conservation efforts. In particular, retrofits arising from...

13/3,K/24 (Item 17 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00393932 **Image available**

SMALL FARM ETHANOL PRODUCING DISTILLATION SYSTEM
SYSTEME DE DISTILLATION POUR LA PRODUCTION D'ETHANOL EN PETITE EXPLOITATION

Patent Applicant/Assignee:

HADDAD Sidney,

Inventor(s):

HADDAD Sidney,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9734675 A1 19970925

Application: WO 97US4203 19970318 (PCT/WO US9704203)

Priority Application: US 96617397 19960318

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

CA JP MX AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE

Publication Language: English

Fulltext Word Count: 5894

Fulltext Availability:

Detailed Description

Detailed Description

... produced.

Still referring to FIG. 5 each fermenter tank has a temperature sensor 96 to **measure** the stillage temperature. If the heat produced by fermentation causes the temperature to rise **more than** 10 OF, 31 to 51 F in other preferred embodiments, from 90 IF, circulating water...

13/3,K/25 (Item 18 from file: 349)

DIALOG(R) File 349:PCT FULLTEXT

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00386807 **Image available**

COMMUNICATION SYSTEM WITH MULTICARRIER TELEPHONY TRANSPORT

SYSTEME DE COMMUNICATION AVEC TRANSMISSION TELEPHONIQUE PAR PORTEUSES MULTIPLES

Patent Applicant/Assignee:

ADC TELECOMMUNICATIONS INC,

DAPPER Mark J,

GEILE Michael J,

HILL Terrance J,

ROBERTS Harold A,

ANDERSON Brian D,

BREDE Jeffrey,

WADMAN Mark S,

KIRSCHT Robert J,

HERRMANN James J,

FORT Michael J,

BUSKA Steven P,

SOLUM Jeff,

ENFIELD Debra Lea,

BERG Darrell,

SMIGELSKI Thomas,

TUCKER Thomas C,

HALL Joe,

LOGAJAN John M,

BOUALOUANG Somway,

LOU Heng,

ELPERS Mark D,

DOWNS Matt,
FERRIS Tammy,
OPOCZYNSKI Adam,
RUSSELL David S,
Inventor(s):
DAPPER Mark J,
GEILE Michael J,
HILL Terrance J,
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ANDERSON Brian D,
BREDE Jeffrey,
WADMAN Mark S,
KIRSCHT Robert J,
HERRMANN James J,
FORT Michael J,
BUSKA Steven P,
SOLUM Jeff,
ENFIELD Debra Lea,
BERG Darrell,
SMIGELSKI Thomas,
TUCKER Thomas C,
HALL Joe,
LOGAJAN John M,
BOUALOUANG Somway,
LOU Heng,
ELPERS Mark D,
DOWNS Matt,
FERRIS Tammy,
OPOCZYNSKI Adam,
RUSSELL David S,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9727550 A2 19970731
Application: WO 97US1444 19970124 (PCT/WO US9701444)
Priority Application: US 9610497 19960124; US 9610506 19960124; US
96673002 19960628

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE HU IL
IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT
RO RU SD SE SG SI SK TJ TM TR TT UA UG US UZ VN KE LS MW SD SZ UG AM AZ
BY KG KZ MD RU TJ TM AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE
BF BJ CF CG CI CM GA GN ML MR NE SN TD TG

Publication Language: English

Fulltext Word Count: 85964

Fulltext Availability:

Detailed Description

Detailed Description

... with any FFT processor is the amount of power consumed per transform. Generally, high-performance, **efficient** FFT processors exhibit **energy** dissipations per transform in the range of I 00 to I 000 times 1092N nanojoules...herein. The upper portion shows one cycle, 0-360', at the nominal 8 kHz frame **rate** . The **lower** portion shows the same wave at a 9 kHz rate, so that the amount of...the incoming signal.

After acquisition, the equalizer will enter a tracking mode with the update **rate** being **reduced** to a minimal level. The tracking mode will continue until a loss of power is...

13/3,K/26 (Item 19 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00338825

A LIGHTING SYSTEM WITH A DEVICE FOR REDUCING SYSTEM WATTAGE
SYSTEME D'ECLAIRAGE POURVU D'UN DISPOSITIF DE REDUCTION DE LA CONSOMMATION
EN WATT

Patent Applicant/Assignee:

PHILIPS ELECTRONICS N V,
PHILIPS NORDEN AB,

Inventor(s):

COTTAAR Eduardus J,
VAN PIJKEREN Dirk,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9621337 A1 19960711

Application: WO 95IB1063 19951127 (PCT/WO IB9501063)

Priority Application: US 94366137 19941229

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004).

CN JP AT BE CH DE DK ES FR GB GR IE IT LU MC NL PT SE

Publication Language: English

Fulltext Word Count: 4277

Fulltext Availability:

Detailed Description

Detailed Description

... that replaced, but modified to use less energy with the existing ballast. For example, one **energy saving** approach is to **replace** HPS lamps of one rated lamp voltage with HPS lamps of a **lower rated** lamp voltage.

Generally, a decrease in rated lamp voltage of about 20% results in a...

13/3,K/27 (Item 20 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00325618

STEAM PLASMA REACTORS

REACTEUR PRODUISANT UN PLASMA DE VAPEUR

Patent Applicant/Assignee:

ALLIANT TECHSYSTEMS INC,
PLASMA TECHNOLOGY INC,

Inventor(s):

VAVRUSKA John S,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9608126 A2 19960314

Application: WO 95US11062 19950905 (PCT/WO US9511062)

Priority Application: US 94302048 19940907

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AM AT AU BB BG BR BY CA CH CN CZ DE DK EE ES FI GB GE HU IS JP KE KG KP
KR KZ LK LR LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK
TJ TM TT UA UG VN KE MW SD SZ UG AT BE CH DE DK ES FR GB GR IE IT LU
MC NL PT SE BF BJ CF CG CI CM GA GN ML MR NE SN TD TG

Publication Language: English
Fulltext Word Count: 6524
Fulltext Availability:
Detailed Description

Detailed Description

... or other inert gas
temperatures, with the attendant lower radiation heat loss,
Steam is much **less** costly **than** other common plasma
gases including argon, nitrogen, oxygen, and -others, As a
raw material for **estimating** operating costs, water (steam)
represents the least costly option for plasma gas (\$/lb).

The steam...

13/3,K/28 (Item 21 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00316791 **Image available**
SPEED CONTROL AND BOOTSTRAP TECHNIQUE FOR HIGH VOLTAGE MOTOR CONTROL
TECHNIQUE DE COMMANDE DE VITESSE ET DE MONTAGE AUTOELEVATEUR POUR LA
COMMANDE D'UN MOTEUR HAUTE TENSION
Patent Applicant/Assignee:
WESTINGHOUSE ELECTRIC CORPORATION,
Inventor(s):
SCHANTZ David Lloyd Jr,
Patent and Priority Information (Country, Number, Date):
Patent: WO 9534946 A1 19951221
Application: WO 95US6912 19950601 (PCT/WO US9506912)
Priority Application: US 94258294 19940610
Designated States:
(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)
CA CN JP KR MX AT BE CH DE DK ES FR GB GR IE IT LU MC NL PT SE
Publication Language: English
Fulltext Word Count: 8169

Fulltext Availability:
Detailed Description

Detailed Description

... the preferred embodiment, the speed control
loop 110 and the oil pump motor controller 100 **determine**
when the desired rotor speed is **less** **than** a predetermined
fraction of the maximum rotor speed and turn the low@side
switches in...

?

Set	Items	Description
S1	12	AU=(TABER W? OR TABER, W?)
S2	1466073	INSTALL? OR REPLACE? OR REPLACING OR EXCHANG? OR OFFER? OR DEPLOY?
S3	77770	DISCOUNT? OR REBATE OR INCENTIVE?
S4	98993	(ENERGY OR POWER OR ELECTRIC? OR UTILIT???) (4N) (EFFICIEN? - OR SAVE? ? OR SAVING? OR CONSERV?)
S5	77770	DISCOUNT? OR REBATE OR INCENTIVE?
S6	396150	(LESS? OR LOWER) (2N) (THAN OR RATE? ?)
S7	51957	(REDUC??? OR LOWER) (2N) (PRICE OR CHARG??? OR RATE? ?)
S8	508	S4(10N) (SELL??? OR RESELL? OR SOLD OR RESOLD OR REPURCHAS? OR PURCHAS? OR BUY??? OR REBUY?)
S9	79	S8 AND (S7 OR S6 OR S5)
S10	63	S9 NOT PY>2000
S11	60	RD (unique items)
File	2:INSPEC	1969-2005/Feb W2 (c) 2005 Institution of Electrical Engineers
File	35:Dissertation Abs Online	1861-2005/Feb (c) 2005 ProQuest Info&Learning
File	65:Inside Conferences	1993-2005/Feb W4 (c) 2005 BLDSC all rts. reserv.
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File	474:New York Times Abs	1969-2005/Feb 26 (c) 2005 The New York Times
File	475:Wall Street Journal Abs	1973-2005/Feb 25 (c) 2005 The New York Times
File	583:Gale Group Globalbase(TM)	1986-2002/Dec 13 (c) 2002 The Gale Group
File	256:TecInfoSource	82-2005/Jan (c) 2005 Info.Sources Inc

11/3,K/1 (Item 1 from file: 2)

DIALOG(R)File 2:INSPEC

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6549995 INSPEC Abstract Number: A2000-09-2843-008, B2000-05-8220B-014

Title: Recycling hits the big time. Reactor coolant pump decontamination and refurbishment at Oconee

Author(s): Shiel, T.

Author Affiliation: Duke Power Co., Charlotte, NC, USA

Journal: Radwaste Solutions vol.7, no.1 p.44-8

Publisher: ANS,

Publication Date: Jan.-Feb. 2000 Country of Publication: USA

ISSN: 1070-9541

SICI: 1070-9541(200001/02)7:1L.44:RHTR;1-A

Material Identity Number: 0653-2000-001

Language: English

Subfile: A B

Copyright 2000, IEE

Abstract: The cost of refurbishing a reactor coolant pump is **less than** half the cost of **buying** a new one, so Duke **Power** is **saving** hundreds of thousands of dollars with its RCP decontamination and refurbishment program.

11/3,K/2 (Item 2 from file: 2)

DIALOG(R)File 2:INSPEC

(c) 2005 Institution of Electrical Engineers. All rts. reserv.

5946391 INSPEC Abstract Number: B9807-8530B-021

Title: Harmonic distortion caused by compact fluorescent lamps

Author(s): Mielczarski, W.; Ratnayake, P.; Michalik, G.; Choi, S.S.

Author Affiliation: Monash Univ., Clayton, Vic., Australia

Conference Title: IPEC '97. Proceedings of the International Power Engineering Conference Part vol.2 p.780-5 vol.2

Publisher: Nanyang Technol. Univ, Singapore

Publication Date: 1997 Country of Publication: Singapore 2 vol. xxii+898 pp.

ISBN: 9971 88 555 7 Material Identity Number: XX98-01310

Conference Title: Proceedings of 3rd International Power Engineering Conference

Conference Date: 22-24 May 1997 Conference Location: Singapore

Language: English

Subfile: B

Copyright 1998, IEE

...Abstract: industrial applications. To reduce energy consumption and peak load, many electric utilities encourage customers to **purchase** and install **energy saving** lamps giving a **rebate** of \$5-\$10. However, these lamps are nonlinear loads, as are the other electronic equipment...

11/3,K/3 (Item 3 from file: 2)

DIALOG(R)File 2:INSPEC

(c) 2005 Institution of Electrical Engineers. All rts. reserv.

5410655 INSPEC Abstract Number: B9612-8530-003

Title: Individual discounting , energy conservation, and household demand for lighting

Author(s): Kooreman, P.

Author Affiliation: Groningen Univ., Netherlands
Journal: Resource and Energy Economics vol.18, no.1 p.103-14
Publisher: Elsevier,
Publication Date: March 1996 Country of Publication: Netherlands
CODEN: REEEEF ISSN: 0928-7655
SICI: 0928-7655(199603)18:1L.103:IDEC;1-D
Material Identity Number: P964-96002
U.S. Copyright Clearance Center Code: 0928-7655/96/\$15.00
Language: English
Subfile: B
Copyright 1996, IEE

Title: Individual discounting , energy conservation, and household demand for lighting

Abstract: This paper analyzes household appliance **purchase** and **energy** consumption and **conservation** related to demand for lighting. The behavioral model is estimated using data on consumers' choices between various types of electric light bulbs with large differences in **purchase** costs, operating costs and lifetimes. The model allows the **utility** attached to **energy conservation** per se to vary across consumers and explicitly takes into account the random nature of...

... and the differences between lifetimes of high-efficiency and low-efficiency lamps, the consumer's **discount** rate can be estimated without assuming that he correctly perceive the operating costs. The estimated annual **discount** rate is about 15 percent, somewhat **lower** than most estimates in earlier studies.

...Identifiers: individual **discounting** ; ...

...annual **discount** rate

11/3,K/4 (Item 4 from file: 2)
DIALOG(R)File 2:INSPEC
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5041004

Title: New smart cells will last longer

Author(s): Carbone, J.
Journal: Purchasing vol.119, no.1 p.157, 160
Publication Date: 13 July 1995 Country of Publication: USA
CODEN: PURCAO ISSN: 0033-4448
Language: English
Subfile: D
Copyright 1995, IEE

...Abstract: will be powered by so-called "smart" rechargeable batteries. The new smart rechargeables will cost **less** than \$10 more than traditional rechargeables and will have a longer life because of more **efficient** **power** use and recharging. **Buyers** should also look for greater availability of lithium-ion batteries, which will run portable equipment...

11/3,K/5 (Item 5 from file: 2)
DIALOG(R)File 2:INSPEC
(c) 2005 Institution of Electrical Engineers. All rts. reserv.

4984871 INSPEC Abstract Number: B9508-8150-004
Title: Infrared system helps with energy efficiency

Author(s): Toth, D.
Author Affiliation: Sacramento Municipal Utility District, CA, USA
Journal: Transmission and Distribution vol.47, no.4 p.40, 42, 44
Publication Date: April 1995 Country of Publication: USA
CODEN: TRDIAT ISSN: 0041-1280
U.S. Copyright Clearance Center Code: 0041-1280/\$2.00+0.00
Language: English
Subfile: B
Copyright 1995, IEE

...Abstract: the industry. By distributing power in the most efficient way possible, educating customers and providing **incentives** to use that **power** in the most **efficient** way, SMUD have been able to reduce the need to **purchase** power from outside sources. To help in achieving **energy efficiency** SMUD use a Thermovision 470 infrared-imaging system from AGEMA Infrared Systems, Inc. of Secaucus...

11/3,K/6 (Item 6 from file: 2)
DIALOG(R)File 2:INSPEC
(c) 2005 Institution of Electrical Engineers. All rts. reserv.

4837640 INSPEC Abstract Number: B9501-8110B-075
Title: Utility-cogenerator game for pricing power sales and wheeling fees
Author(s): Kuwahata, A.; Asano, H.
Author Affiliation: Central Res. Inst. of Electr. Power Ind., Komae, Japan
Journal: IEEE Transactions on Power Systems vol.9, no.4 p.1875-9
Publication Date: Nov. 1994 Country of Publication: USA
CODEN: ITPSEG ISSN: 0885-8950
U.S. Copyright Clearance Center Code: 0885-8950/94/\$04.00
Language: English
Subfile: B

...Abstract: excess electricity to an electric utility or to an end user. They found that a **buy**-back system (the utility **purchases** cogenerated **power**) is as **efficient** as a cogenerator-customer wheeling system and that these two systems are more desirable than...

... for the regulator. The buy-back rate should be equal to (LP bargaining solution) or **less than** (Nash bargaining solution) the marginal cost of the electric utility. They also conducted an analysis...

11/3,K/7 (Item 7 from file: 2)
DIALOG(R)File 2:INSPEC
(c) 2005 Institution of Electrical Engineers. All rts. reserv.

4715862 INSPEC Abstract Number: B9409-8150-003, C9409-7410B-025
Title: Real-time monitoring and verification of energy savings
Author(s): Jednacz, T.C.; Yongping Xia
p.790-3
Publisher: Intertec Int, Ventura, CA, USA
Publication Date: 1993 Country of Publication: USA 875 pp.
ISBN: 0 931033 46 2
Conference Title: Power Quality '93. Official Proceedings of the Seventh International Power Quality Conference
Conference Date: 24-29 Oct. 1993 Conference Location: Irvine, CA, USA
Language: English
Subfile: B C

Abstract: Verification of electrical power consumption has become an important topic. In the beginning of the **rebate** programs, many projects were sold on the basis of inaccurate or misleading calculations. As a...

...the calculated savings. Utilities want verification because they are not expensing the cost of the **rebate** programs; they are putting the equipment costs on their balance sheets and are depreciating the asset over a period of time. They want to verify that they have **purchased** a real asset and not phantom **savings**. The **utility** has other reasons to verify their savings are real. The Public Utility Commissions that regulate...

11/3,K/8 (Item 8 from file: 2)

DIALOG(R)File 2:INSPEC

(c) 2005 Institution of Electrical Engineers. All rts. reserv.

4658779 INSPEC Abstract Number: A9411-8630J-011, B9406-8420-011

Title: Cost-benefit analysis of high-efficiency cast polycrystalline silicon solar cell sequences

Author(s): Narayanan, S.; Wohlgemuth, J.

Author Affiliation: Solarex Corp., Frederick, MD, USA

Journal: Progress in Photovoltaics: Research and Applications vol.2, no.2 p.121-8

Publication Date: April 1994 Country of Publication: UK

CODEN: PPHOED ISSN: 1062-7995

U.S. Copyright Clearance Center Code: 1062-7995/94/020121-8

Language: English

Subfile: A B

...Abstract: The figure of merit used to compare the sequences was that the cost of additional **power**, generated by the **efficiency** enhancement technique, should be **less** than the **selling** price of the product. Techniques like oxide passivation and emitter etch-back, and sequences like ...

11/3,K/9 (Item 9 from file: 2)

DIALOG(R)File 2:INSPEC

(c) 2005 Institution of Electrical Engineers. All rts. reserv.

4533321 INSPEC Abstract Number: B9401-8670-003

Title: Evaluation of heat/power with a gas-engine in a brickworks

Author(s): Spruit, F.P.M.; Steerneman, M.W.

Journal: Energietechnik vol.71, no.1 p.28-32

Publication Date: Jan. 1993 Country of Publication: Netherlands

CODEN: ENGTEO

Language: Dutch

Subfile: B

...Abstract: its commissioning the CHP plant had an availability degree of 93%. Energy production was slightly **lower** than stated, but fairly constant throughout the year. **Savings** on **electricity** **purchase** amounted to 70%. The plant's payback period is 1.6 years. It is conceivable ...

11/3,K/10 (Item 10 from file: 2)

DIALOG(R)File 2:INSPEC

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04343777

Title: Buying surge spurs outages (energy - efficient bulbs)
Author(s): Avery, S.
Journal: Purchasing vol.113, no.8 p.74-5
Publication Date: 19 Nov. 1992 **Country of Publication:** USA
CODEN: PURCAO **ISSN:** 0033-4448
Language: English
Subfile: D

Title: Buying surge spurs outages (energy - efficient bulbs)
Abstract: Rebates from utilities and incentives such as the EPA's Green Lights program have helped spark demand for more efficient...

11/3,K/11 (Item 11 from file: 2)
DIALOG(R)File 2:INSPEC
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04298451 INSPEC Abstract Number: B9301-8500-009

Title: Energy efficiency incentive standards for manufactured homes: a preliminary study

Author(s): Capehart, B.L.; Bridgwater, A.B.; Steedly, J.D.
Author Affiliation: Dept. of Ind. & Syst. Eng., Florida Univ., Gainesville, FL, USA
Journal: International Journal of Energy Systems vol.12, no.3 p. 110-14
Publication Date: 1992 **Country of Publication:** USA
CODEN: IJSYDC **ISSN:** 0226-1472
Language: English
Subfile: B

Title: Energy efficiency incentive standards for manufactured homes: a preliminary study

...Abstract: such homes, a study was performed to analyze the benefits of a voluntary program of energy efficiency incentive standards for customers who purchase new manufactured homes. The benefits to both the customer and the electric utility are examined...

11/3,K/12 (Item 12 from file: 2)
DIALOG(R)File 2:INSPEC
(c) 2005 Institution of Electrical Engineers. All rts. reserv.

03891643 INSPEC Abstract Number: B91043315

Title: Considerations for an economic evaluation of AC versus DC technology for paper machine drives

Author(s): Lowe, J.A.
Author Affiliation: Simons-Eastern Consultants Inc., Atlanta, GA, USA
Journal: IEEE Transactions on Industry Applications vol.27, no.1, pt.1 p.112-16
Publication Date: Jan.-Feb. 1991 **Country of Publication:** USA
CODEN: ITIACR **ISSN:** 0093-9994
U.S. Copyright Clearance Center Code: 0093-9994/91/0100-0112\$01.00
Language: English
Subfile: B

...Abstract: comparing AC and DC drive systems for paper machines are discussed. These include the system purchase price, spare parts, motor cooling, cable cost, power factor, harmonics, efficiency, motor and

controller maintenance, and space requirements. The net present value (NPV) technique is presented...

... technologies. The NPV method of investment evaluation accounts for the time value of money by **discounting** all cash flows to present value using the required rate of return.

11/3,K/13 (Item 13 from file: 2)
DIALOG(R)File 2:INSPEC
(c) 2005 Institution of Electrical Engineers. All rts. reserv.

03708378 INSPEC Abstract Number: B90066557
Title: New push for energy efficiency
Author(s): Lamarre, L.
Journal: EPRI Journal vol.15, no.3 p.4-17
Publication Date: April-May 1990 Country of Publication: USA
CODEN: EPRJDS ISSN: 0362-3416
Language: English
Subfile: B

...Abstract: While most manufacturers include very efficient models in their product lines, buyers often consider other **selling** features to be more important. To increase customer interest in **energy - saving** technologies, many **utilities** are pushing **efficiency** through their demand-site management programs. For utilities that are capacity constrained, this makes perfect sense-promoting energy efficiency is simply **less expensive than** building new capacity. But the benefits are far less clear for utilities that have plenty...

11/3,K/14 (Item 14 from file: 2)
DIALOG(R)File 2:INSPEC
(c) 2005 Institution of Electrical Engineers. All rts. reserv.

03308938 INSPEC Abstract Number: B89020517
Title: Requirements for cogenerating in parallel with the utility
Author(s): Daley, J.
Author Affiliation: Autom. Switch Co., Florham Park, NJ, USA
Journal: Electrical Construction and Maintenance vol.87, no.4 p. 63-9
Publication Date: April 1988 Country of Publication: USA
CODEN: ECOMAU ISSN: 0013-4260
Language: English
Subfile: B

...Abstract: the heat production matches the facility heat requirements, at times the electrical output will be **less than** the facility requires and at other times will exceed the facility requirements. The author shows ...

...operating in parallel with the electrical utility, the plant can satisfy its heat demands mostly **efficiently**, **buying electrical power** from the utility when it produces too little, and **selling** excess power to the utility when it produces too much.

11/3,K/15 (Item 15 from file: 2)
DIALOG(R)File 2:INSPEC
(c) 2005 Institution of Electrical Engineers. All rts. reserv.

03138905 INSPEC Abstract Number: B88036801

Title: Compendium of utility-sponsored energy efficiency rebate programs

Issued by: Electr. Power Res. Inst., Palo Alto, CA, USA

Publication Date: 15 Dec. 1987 Country of Publication: USA 288 pp.

Report Number: EPRI-EM-5579

Language: English

Subfile: B

Title: Compendium of utility-sponsored energy efficiency rebate programs

...Abstract: sectors can help match energy supply to demand while deferring construction of new generating facilities. **Rebate** programs are a widely used low-cost option encouraging customers to **purchase energy - efficient** appliances, space-conditioning systems, lighting products, and motors. But do utility **rebate** programs help modify peak demand? This survey provides comprehensive information on the characteristics of and...

...Identifiers: utility **rebate** programs

11/3,K/16 (Item 16 from file: 2)

DIALOG(R)File 2:INSPEC

(c) 2005 Institution of Electrical Engineers. All rts. reserv.

02411882 INSPEC Abstract Number: B85021143

Title: Overview of utility promotion of investment in energy efficiency

Author(s): Norland, D.L.

Author Affiliation: Alliance to Save Energy, Washington, DC, USA

Conference Title: Energy Technology XI. 'Applications and Economics'.

Proceedings of the Eleventh Energy Technology Conference p.298-306

Editor(s): Hill, R.F.

Publisher: Government Inst, Rockville, MD, USA

Publication Date: 1984 Country of Publication: USA xxii+1496 pp.

ISBN: 0 86587 012 8

Conference Date: 19-21 March 1984 Conference Location: Washington, DC, USA

Language: English

Subfile: B

...Abstract: conservation programs into their long-range strategic plans. For utilities facing high marginal fuel costs, **purchase** power costs, or peak load growth, **conservation** programs can benefit the **utility** and its customers through lower revenue requirements, and in some cases, **lower** average electricity **rates**. Therefore, the economics of utility conservation programs and trends in the strategic marketing of electricity ...

11/3,K/17 (Item 17 from file: 2)

DIALOG(R)File 2:INSPEC

(c) 2005 Institution of Electrical Engineers. All rts. reserv.

02226097 INSPEC Abstract Number: B84023411

Title: Consumer discount rates implied by purchases of energy - efficient refrigerators

Author(s): Meier, A.K.; Whittier, J.

Author Affiliation: Lawrence Berkeley Lab., Univ. of California, Berkeley, CA, USA

Journal: Energy vol.8, no.12 p.957-62

Publication Date: Dec. 1983 Country of Publication: UK

CODEN: ENEYDS ISSN: 0360-5442

U.S. Copyright Clearance Center Code: 0360-5442/83\$3.00+.00
Language: English
Subfile: B

Title: Consumer discount rates implied by purchases of energy - efficient refrigerators

Abstract: Consumer purchasing patterns for a standard and an energy - efficient refrigerator are presented. These models differed only in their initial cost and electricity consumption. Consumers...

... the more efficient model in regions with higher electricity prices. A distribution of implied consumer discount rates is constructed. Roughly 2/5 of the consumers behaved as if they had real discount rates above 60%, 1/5 between 35 and 60%, and 2/5 less than 35%.

11/3,K/18 (Item 18 from file: 2)

DIALOG(R)File 2:INSPEC

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01399644 INSPEC Abstract Number: B79037411, C79026186

Title: Measure switcher efficiency with or without a wattmeter

Journal: Canadian Electronics Engineering vol.22, no.12 p.37-8, 41

Publication Date: Dec. 1978 Country of Publication: Canada

CODEN: CAEEAM ISSN: 0008-3461

Language: English

Subfile: B C

Abstract: As power consumption and heat dissipation become increasingly important to both equipment manufacturers and purchasers, much attention has been focused on power supply efficiency ratings. This is due to several factors including increasing utility rates, reduced reliability due to heat added by low efficiency power supplies, and the size and weight ...

11/3,K/19 (Item 1 from file: 35)

DIALOG(R)File 35:Dissertation Abs Online

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01573961 ORDER NO: AADMM-16998

SAVE THE CROWN JOULES: NET BENEFITS OF ENERGY CONSERVATION STANDARDS FOR HOUSING IN LIGHT OF CHANGING SUPPLIER COSTS

Author: MAH, TIMOTHY PAUL

Degree: M.B.A.

Year: 1994

Corporate Source/Institution: SIMON FRASER UNIVERSITY (CANADA) (0791)

Source: VOLUME 35/05 of MASTERS ABSTRACTS.

PAGE 1183. 162 PAGES

ISBN: 0-612-16998-7

...generation facilities. This delay means lower energy costs. In housing, buyers and sellers generally heavily discount future energy costs in the valuation process. This prevents accurate assessment of energy-conserving houses...

...may increase or, if scale economies exist, they may decrease. Studies of higher standards have discounted this fact--point estimates of supplier costs have been used. Furthermore, because most new houses...

...area, a market cost for adjusted floor area was included. Sensitivity analyses involved using different **discount** rates, changing supplier costs, and environmental costs of energy.

The study showed that consumers who heavily **discount** long term benefits of **energy conservation** would not **purchase energy - conserving** upgrades. In contrast, a number of upgrades were worth adopting--these upgrades turned out to be **less expensive than** new natural gas and electricity supply. This appears to support the value to regulate higher...

11/3,K/20 (Item 2 from file: 35)

DIALOG(R)File 35:Dissertation Abs Online

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01369546 ORDER NO: AAD94-23603

HOUSEHOLD DEMAND FOR ENERGY AND LEAST COST PLANNING

Author: HARSHBARGER, STUART LABAN

Degree: PH.D.

Year: 1994

Corporate Source/Institution: THE GEORGE WASHINGTON UNIVERSITY (0075)

Source: VOLUME 55/04-A OF DISSERTATION ABSTRACTS INTERNATIONAL.

PAGE 1059. 113 PAGES

...least cost solution, utilities typically select a mix of energy conservation programs that offer financial **incentives** to utility ratepayers in the form of subsidies, audits, and rebates to either conserve energy...

...of residential households. The argument often used to justify the need for offering households cash **incentives** to invest in high-efficiency appliances is based on the existence of market failures in...

...and utilization of energy durables. Previous studies in the literature indicate that households have high **discount** rates with respect to investment in **energy efficiency**. Using household survey, appliance **purchase**, and customer billing data from the Washington Gas Company, this study estimates a household model to recover consumer **discount** rates for the purchase and utilization of natural gas space heating systems. The empirical results suggest that the high **discount** rate leading to market failure argument is invalid.

11/3,K/21 (Item 3 from file: 35)

DIALOG(R)File 35:Dissertation Abs Online

(c) 2005 ProQuest Info&Learning. All rts. reserv.

1017094 ORDER NO: AAD88-13778

CONSERVATION VERSUS ENERGY SUPPLY: AN ECONOMIC AND ENVIRONMENTAL COMPARISON OF ALTERNATIVES FOR SPACE CONDITIONING OF NEW RESIDENCES

Author: ANDERSON, KENT BERNARD

Degree: PH.D.

Year: 1987

Corporate Source/Institution: UNIVERSITY OF CALIFORNIA, BERKELEY (0028)

Source: VOLUME 49/06-B OF DISSERTATION ABSTRACTS INTERNATIONAL.

PAGE 2103. 441 PAGES

...saves very little energy.

Assuming that the real price of energy will rise at the **discount** rate and that the economic lifetime of conservation measures is 30 years,

the cost of **saving energy** is **less than** the cost of **buying energy** in virtually all continental U.S. climates for insulation of walls to R19 and...

11/3,K/22 (Item 4 from file: 35)
DIALOG(R)File 35:Dissertation Abs Online
(c) 2005 ProQuest Info&Learning. All rts. reserv.

948488 ORDER NO: AAD87-07902
A STUDY OF THE IMPACT OF MEDICARE PROSPECTIVE PAYMENT SYSTEM ON HOSPITAL COST CONTAINMENT ACTIVITIES

Author: CASSIDY, JUDITH HELEN
Degree: PH.D.
Year: 1986
Corporate Source/Institution: TEXAS TECH UNIVERSITY (0230)
Source: VOLUME 47/12-A OF DISSERTATION ABSTRACTS INTERNATIONAL.
PAGE 4434. 169 PAGES

...hospital literature suggested were effective in controlling costs and enhancing revenues. Techniques were grouped as: **purchasing , energy conservation** , general management, and revenue enhancement. The cost containment model suggested that Medicare payment method and...

...enactment of PPS; regression analysis determined influence after PPS.

The model indicates that PPS provides **incentives** for cost containment while cost-based payments do not. Study results substantiate the model. The...

11/3,K/23 (Item 5 from file: 35)
DIALOG(R)File 35:Dissertation Abs Online
(c) 2005 ProQuest Info&Learning. All rts. reserv.

867819 ORDER NO: AAD84-29554
MARKET STRUCTURE AND REGULATORY DESIGN

Author: SMITH, ANNE ELIZABETH
Degree: PH.D.
Year: 1984
Corporate Source/Institution: STANFORD UNIVERSITY (0212)
Source: VOLUME 45/10-A OF DISSERTATION ABSTRACTS INTERNATIONAL.
PAGE 3176. 199 PAGES

...the user rather than the manufacturer because of a structural asymmetry in the flows of **incentives** . Market power does not change the choice of whom to regulate when only one type...

...make regulation of both parties preferable under specific technological conditions.

Of even more interest, market **power** does alter the relative **efficiency** of tools when there are two agents. Taxes on the **buyer** perform better in perfect competition, but quotas at this level of the market become preferable...

11/3,K/24 (Item 6 from file: 35)
DIALOG(R)File 35:Dissertation Abs Online
(c) 2005 ProQuest Info&Learning. All rts. reserv.

817950 ORDER NO: AAD83-18599

**THE EFFECT OF TAX, FINANCING AND OPERATING COST INCENTIVES ON RETIREE
HOMEOWNERS' CURRENT AND POTENTIAL DECISIONS TO PURCHASE ENERGY SAVING
IMPROVEMENTS (CALIFORNIA)**

Author: LONG, ALBERT WALLACE, JR.

Degree: D.B.A.

Year: 1983

Corporate Source/Institution: UNITED STATES INTERNATIONAL UNIVERSITY (0239)

Source: VOLUME 44/04-A OF DISSERTATION ABSTRACTS INTERNATIONAL.
PAGE 1189. 128 PAGES

**THE EFFECT OF TAX, FINANCING AND OPERATING COST INCENTIVES ON RETIREE
HOMEOWNERS' CURRENT AND POTENTIAL DECISIONS TO PURCHASE ENERGY SAVING
IMPROVEMENTS (CALIFORNIA)**

The Problem. A relatively low participation rate by elderly households in available energy saving investment **incentive** programs is a concern to government and industry policy makers. This study focused on retiree...

...to determine their level of participation, causes of non-participation and the effect of selected **incentive** modifications on investment decisions.

Method. A descriptive-elemental approach was taken to explore three research...

...life style was important to those of higher education and income. Level of awareness of **incentive** features was also a major decision factor.

The analysis indicated that energy saving investments will...

11/3,K/25 (Item 7 from file: 35)

DIALOG(R)File 35:Dissertation Abs Online

(c) 2005 ProQuest Info&Learning. All rts. reserv.

777639 ORDER NO: AAD82-10543

**EVALUATION OF LIFELINE AND TIME-OF-DAY PRICING STRUCTURE AND ESTIMATION OF
RESIDENTIAL ELECTRICITY DEMAND**

Author: PRASAD, RAGHAW

Degree: PH.D.

Year: 1982

Corporate Source/Institution: TEMPLE UNIVERSITY (0225)

Source: VOLUME 42/12-A OF DISSERTATION ABSTRACTS INTERNATIONAL.
PAGE 5190. 151 PAGES

...overall purpose of this study is to evaluate alternative electricity price structures in terms of **efficiency** and consumer welfare.

Electricity, historically, has been **sold** to residential customers in a declining-block fashion--charging a higher price for the initial...

...that would relieve the poor from the increasing cost of electricity.

The lifeline rate structure-- **charging a lower price** in the initial block and higher prices in the trailing blocks--and the marginal-cost...

...lifeline rate structure is that the low electricity users also have low incomes. Thus, this **price** structure will **reduce** the cost of electricity to the poor. Also, it is claimed that the lifeline **rate** structure **reduces** the total use of residential electricity. Lifeline rate structure can be criticized on the grounds...

...giving a correct cost signal to the customers. Also, it is claimed that such a **price** structure will **reduce** the total use of residential electricity.

The primary criteria used to evaluate alternative price structures

...

11/3,K/26 (Item 1 from file: 99)

DIALOG(R)File 99:Wilson Appl. Sci & Tech Abs
(c) 2005 The HW Wilson Co. All rts. reserv.

1615297 H.W. WILSON RECORD NUMBER: BAST98007252

Energy savings turn on better motors

Puttre, Michael;

Design News v. 52 [i.e. 53] (Dec. 15 '97) p. 79-80+

DOCUMENT TYPE: Feature Article ISSN: 0011-9407

...ABSTRACT: right direction. The terms of the Energy Policy Act declare that most general-purpose motors **sold** after October 1997 must meet standards of **energy efficiency** as defined by the National Electric Manufacturers Association. Companies are finding that energy-wise motors cost less in the long run, due to **lower failure rates** and **lower** energy consumption per horsepower. A sidebar that describes energy efficient motors is provided.

11/3,K/27 (Item 2 from file: 99)

DIALOG(R)File 99:Wilson Appl. Sci & Tech Abs
(c) 2005 The HW Wilson Co. All rts. reserv.

1199889 H.W. WILSON RECORD NUMBER: BAST94068545

Efficiency: a hard sell

Lamarre, Leslie;

EPRI Journal v. 19 (Oct./Nov. '94) p. 16-23

DOCUMENT TYPE: Feature Article ISSN: 0362-3416

...ABSTRACT: these barriers are suggested. Despite a wave of technology development, promotional campaigns, and utility-sponsored **rebate** programs over the past 10 years, energy-efficient technologies have not yet been widely adopted...

...S. Reasons for this are consumer skepticism about the performance of new technologies, comparatively high **purchase** prices, poor aesthetics of **energy - efficient** technologies, difficulties in measuring savings, and consumer reluctance to make behavioral changes. Possible remedial actions

...

11/3,K/28 (Item 3 from file: 99)

DIALOG(R)File 99:Wilson Appl. Sci & Tech Abs
(c) 2005 The HW Wilson Co. All rts. reserv.

1099634 H.W. WILSON RECORD NUMBER: BAST93031736

Heat-treatment--the true costs

Metallurgia v. 60 (May '93) p. 163

DOCUMENT TYPE: Feature Article ISSN: 0141-8602

...ABSTRACT: specialists have a wider range of equipment in case of breakdown, work close to optimum **efficiency**, and gain bulk **purchase energy discounts**.

11/3,K/29 (Item 1 from file: 474)
DIALOG(R)File 474:New York Times Abs
(c) 2005 The New York Times. All rts. reserv.

07515149 NYT Sequence Number: 772305970424
NEW RULES IMPOSED FOR REFRIGERATORS: EFFICIENCY, AT A COST
Wald, Matthew L
New York Times, Col. 6, Pg. 1, Sec. A
Thursday April 24 1997

ABSTRACT:

Energy Dept says refrigerators sold in 2001 will have to use 30 percent **less** electricity **than** those now on market; rule is meant to cut electric bills by over \$1 billion...

...will lower its annual operating cost by about \$20; with over 8.5 million refrigerators **sold** annually, **power saved** will eventually be equivalent to production of eight large power plants; change, which updates rule...

11/3,K/30 (Item 2 from file: 474)
DIALOG(R)File 474:New York Times Abs
(c) 2005 The New York Times. All rts. reserv.

06277096 NYT Sequence Number: 323683920419
NORTHEAST NOTEBOOK; BURLINGTON, VT.; SAVING ENERGY, AND MONEY
New York Times, Col. 1, Pg. 9, Sec. 10
Sunday April 19 1992

ABSTRACT:

Buyers of **energy - efficient** homes in Vermont may qualify for **lower** interest-**rate** mortgages under new program being considered by Energy Rated Homes of Vermont and Federal National...

11/3,K/31 (Item 3 from file: 474)
DIALOG(R)File 474:New York Times Abs
(c) 2005 The New York Times. All rts. reserv.

06019536 NYT Sequence Number: 570648910831
LIGHT BULBS FOR ALL
New York Times, Col. 6, Pg. 20, Sec. 1
Saturday August 31 1991

ABSTRACT:

Stephen Lee Crystal letter complains that Con Ed will **sell energy - efficient** light bulbs at **discount** only to its direct electricity customers, not those who live in master-metered buildings

11/3,K/32 (Item 4 from file: 474)
DIALOG(R)File 474:New York Times Abs
(c) 2005 The New York Times. All rts. reserv.

05809600 NYT Sequence Number: 070709900901
UTILITY'S RATES TIED TO SAVINGS OF ELECTRICITY
KOLBERT, ELIZABETH

New York Times, Col. 5, Pg. 21, Sec. 1
Saturday September 1 1990

ABSTRACT:

...with electric company that will for first time link company's profits to amount of **energy** that it **saves** rather than amount it **sells** ; agreement, with Orange & Rockland Utilities, is intended to encourage **energy conservation** , and it puts New York at forefront of movement to use electric **rates** to **reduce** energy demand (M)

11/3,K/33 (Item 5 from file: 474)
DIALOG(R)File 474:New York Times Abs
(c) 2005 The New York Times. All rts. reserv.

01282079 NYT Sequence Number: 100515830710

(New York State Public Service Commission will hold hearing on whether utility companies should be required to encourage energy conservation by offering their customers incentives to buy energy - saving devices. Enviromental Defense Fund, which brought proposal before commission, contends that consumers could save at least \$800 million a year if utilities encourage customers to install energy-efficient devices. Hearing is scheduled for July 12 in Albany. Michael Oppenheimer, senior scientist with fund, comments (M).)

BARRON, JAMES

New York Times, Col. 4, Pg. 22, Sec. 1
Sunday July 10 1983

...Public Service Commission will hold hearing on whether utility companies should be required to encourage energy conservation by offering their customers incentives to buy energy - saving devices. Enviromental Defense Fund, which brought proposal before commission, contends that consumers could save at...

11/3,K/34 (Item 6 from file: 474)
DIALOG(R)File 474:New York Times Abs
(c) 2005 The New York Times. All rts. reserv.

01181554 NYT Sequence Number: 067235821104

(NYC voters approve law establishing city-run Municipal Utility Service that would qualify for discount purchases of state electricity and pass savings to city residents. Nassau County (NY) voters approve measure readjusting weighted votes of members of Board of Supervisors to reflect population shifts. Suffolk County (WY) voters approve nonbinding nuclear-freeze referendum. Yonkers (NY) voters support measure designed to end city's ward system by reducing size of City Council from 13 members to seven and number of wards they represent from 12 to four. NJ voters approve \$170 million bond issue to expand prison capacity, measure to permit construction of veterans nursing home, \$85 million bond issue to promote urban economic development and nuclear freeze referendum (M).)

THOMAS, ROBERT MCG, JR

New York Times, Col. 4, Pg. 12, Sec. 2
Thursday November 4 1982

(NYC voters approve law establishing city-run Municipal Utility Service that would qualify for discount purchases of state electricity and pass savings to city residents. Nassau County (NY) voters approve

measure readjusting weighted votes of members of...

11/3,K/35 (Item 7 from file: 474)
DIALOG(R)File 474:New York Times Abs
(c) 2005 The New York Times. All rts. reserv.

01119218 NYT Sequence Number: 068362810921

(Reagan Administration memorandum reveals Treasury officials are planning to seek repeal of various energy tax subsidies in effort to save \$3.2 Billion in '83 and '84. Plan would repeal credits and subsidies for households and businesses to encourage purchase of energy conservation and renewable energy facilities. Would retain credits for investments for which commitments have been made, and would keep alcohol fuel production incentives for existing makers and plants under discussion (S).)

HERSHEY, ROBERT D, JR
New York Times, Col. 3, Pg. 2, Sec. 4
Monday September 21 1981

...83 and '84. Plan would repeal credits and subsidies for households and businesses to encourage purchase of energy conservation and renewable energy facilities. Would retain credits for investments for which commitments have been made, and would keep alcohol fuel production incentives for existing makers and plants under discussion (S).)...

11/3,K/36 (Item 8 from file: 474)
DIALOG(R)File 474:New York Times Abs
(c) 2005 The New York Times. All rts. reserv.

00799072 NYT Sequence Number: 069850770405

(Gov Byrne unveils energy conservation plan that he says can reduce NJ's proposed energy consumption by 6% in '80 and save consumers \$278-million a yr in fuel costs by '81. Seeks \$800-million in Fed funds to implement plan for remainder of this yr and \$1.3-million for '78. Acting Energy Office Admr Charles Richman outlines details of plan, which will initially encourage and then mandate consumer cooperation in such programs as improving home insulation and oil-burner efficiency. State weighs proposal to encourage motorists to purchase energy - efficient autos by exempting these models from state's 5% sales tax. Plan also calls for improving plant boiler efficiency, incentives for recycling waste oil, reducing fuel evaporation from storage tanks, promotion of car pools, expanded testing procedures for auto emissions and stepped-up enforcement of 55-mph speed limit. Byrne and Richman illus (M).)

SULLIVAN, JOSEPH F
New York Times, Col. 1, Pg. 71
Tuesday April 5 1977

...as improving home insulation and oil-burner efficiency. State weighs proposal to encourage motorists to purchase energy - efficient autos by exempting these models from state's 5% sales tax. Plan also calls for improving plant boiler efficiency, incentives for recycling waste oil, reducing fuel evaporation from storage tanks, promotion of car pools, expanded...

11/3,K/37 (Item 9 from file: 474)
DIALOG(R)File 474:New York Times Abs

(c) 2005 The New York Times. All rts. reserv.

00692288 NYT Sequence Number: 053124760706

(Princeton Univ study for Gov Byrne urges steam-producing industries in NJ to use waste steam to generate elec. Says that through cogeneration, industries could generate power more cheaply than utilities, which could buy surplus power from industries and pass savings on to customers. Says cogeneration needs only 1/2 as much oil as a conventional power plant and far less capital expenditure than nuclear power plant. Says it cuts air pollution and eliminates environmental problems caused by cooling-water requirements of nuclear plants. Says cogeneration can be started up at factory in 2 yrs, compared with 10 yrs required to build power plant, and would thus give state more flexibility in planning. Outlines utility rate structure that would encourage cogeneration. Researchers Robert H Williams and David Morell comment (S).)

JANSON, DONALD

New York Times, Col. 1, Pg. 57

Tuesday July 6 1976

...elec. Says that through cogeneration, industries could generate power more cheaply than utilities, which could buy surplus power from industries and pass savings on to customers. Says cogeneration needs only 1/2 as much oil as a conventional power plant and far less capital expenditure than nuclear power plant. Says it cuts air pollution and eliminates environmental problems caused by cooling...

11/3,K/38 (Item 10 from file: 474)

DIALOG(R)File 474:New York Times Abs

(c) 2005 The New York Times. All rts. reserv.

00436517 NYT Sequence Number: 091857730611

(Article on age of affluence which is becoming apparent for most of 104 million Japanese; attributes affluence to various factors, including 15-20% annual increase in wages, relatively evenly distributed income with its corresponding mass purchasing power, effect of enforced savings and other forms of income furnished by employers, fact that Japanese tend to save off the top of income rather than save what remains at end of mo, and relatively low taxes on middle-class incomes; notes avg Japanese family has acquired many of the appurtenances of the affluent life; notes avg monthly income of household in fiscal yr ending Mar 31 was \$538, up 12.7% over '71; Nomura Research Inst projects per-capita annual income at \$6,300 by '77, only \$200 less than that projected for US; notes in addition to monthly pay, 2 lump sum bonuses equal to 3 months' wages or more are paid in June and Dec; illus; table showing breakdown of avg monthly paycheck)

New York Times, Col. 4, Pg. 1

Monday June 11 1973

...including 15-20% annual increase in wages, relatively evenly distributed income with its corresponding mass purchasing power, effect of enforced savings and other forms of income furnished by employers, fact that Japanese tend to save off...

...Nomura Research Inst projects per-capita annual income at \$6,300 by '77, only \$200 less than that projected for US; notes in addition to monthly pay, 2 lump sum bonuses equal...

11/3,K/39 (Item 1 from file: 475)
DIALOG(R)File 475:Wall Street Journal Abs
(c) 2005 The New York Times. All rts. reserv.

08065794 NYT Sequence Number: 000000000626
GORE TO UNVEIL PLAN TO SPUR ENERGY SAVING
DAVIS, BOB (BYLINER)
Wall Street Journal, Col. 3, Pg. 8, Sec. A
Monday June 26 2000

ABSTRACT:

...Gore will propose energy-efficiency plan that would offer more that \$10 billion in tax **incentives** for consumers and businesses to **purchase energy - saving** technology (M)

11/3,K/40 (Item 2 from file: 475)
DIALOG(R)File 475:Wall Street Journal Abs
(c) 2005 The New York Times. All rts. reserv.

07969150 NYT Sequence Number: 000000980202
GLOBAL-WARMING PACKAGE TO BENEFIT UTILITIES , BUYERS OF FUEL- EFFICIENT CARS
FIALKA, JOHN J
Wall Street Journal, Col. 4, Pg. 6, Sec. B
Monday February 2 1998

GLOBAL-WARMING PACKAGE TO BENEFIT UTILITIES , BUYERS OF FUEL- EFFICIENT CARS

ABSTRACT:

Clinton administration's proposed \$3.6 billion package of tax **incentives** to curb global warming would provide the greatest benefit to consumers who **buy energy - efficient** vehicles and to **electric utilities** that install high-technology generating equipment (M)

11/3,K/41 (Item 3 from file: 475)
DIALOG(R)File 475:Wall Street Journal Abs
(c) 2005 The New York Times. All rts. reserv.

05782062
OBK1990
Wall Street Journal, Col. 2, Pg. 2, Sec. B
Wednesday December 12 1990

ABSTRACT:

...it launched \$150 million program to reduce electricity use in New York by offering financial **incentives** for customers to **buy energy - efficient** equipment (S)

11/3,K/42 (Item 4 from file: 475)
DIALOG(R)File 475:Wall Street Journal Abs
(c) 2005 The New York Times. All rts. reserv.

01151801 NYT Sequence Number: 002529810219
(Industrial concerns and energy entrepreneurs are beginning to realize they can make and save money by selling electricity produced by cogeneration, process whereby industrial plants produce electricity as

byproduct of their normal operations. Federal regulations and Federal tax incentives make such electricity sales potentially profitable, while states must establish their pricing and payment regulations in March (M.)

LARSON, ERIK

Wall Street Journal, Col. 4, Pg. 33

Thursday February 19 1981

(Industrial concerns and energy entrepreneurs are beginning to realize they can make and save money by selling electricity produced by cogeneration, process whereby industrial plants produce electricity as byproduct of their normal operations. Federal regulations and Federal tax incentives make such electricity sales potentially profitable, while states must establish their pricing and payment regulations...

11/3,K/43 (Item 5 from file: 475)

DIALOG(R)File 475:Wall Street Journal Abs

(c) 2005 The New York Times. All rts. reserv.

01115917 NYT Sequence Number: 015147780818

(Niagara Mohawk Power Corp wants to raise its utility rates because its customers are conserving electricity . Says its users are not buying as much power as originally estimated, causing it to take in about \$36.5 Million less in '78 than expected (S).)

Wall Street Journal, Col. 2, Pg. 14

Friday August 18 1978

(Niagara Mohawk Power Corp wants to raise its utility rates because its customers are conserving electricity . Says its users are not buying as much power as originally estimated, causing it to take in about \$36.5 Million less in '78 than expected (S).)...

11/3,K/44 (Item 6 from file: 475)

DIALOG(R)File 475:Wall Street Journal Abs

(c) 2005 The New York Times. All rts. reserv.

01093348 NYT Sequence Number: 012065770915

(Sen Energy Com rejects provision of Pres Carter's energy program which would authorize state regulatory agencies to set electrical utility rates reflecting actual cost of service to each customer, largely through elimination of discount rates for heavy usage. Votes to approve less drastic legis which would authorize Energy Dept to intervene as advocate of energy conservation in rate proceedings before state agencies. Also eliminates Carter proposals calling for pooling of power among utilities and interconnection of transmission lines (M).)

Wall Street Journal, Col. 2, Pg. 6

Thursday September 15 1977

...electrical utility rates reflecting actual cost of service to each customer, largely through elimination of discount rates for heavy usage. Votes to approve less drastic legis which would authorize Energy Dept...

DESCRIPTORS: CONSERVATION OF RESOURCES; DISCOUNT SELLING ; ELECTRIC LIGHT AND POWER; ENERGY AND POWER; LAW AND LEGISLATION (FEDERAL); PUBLIC UTILITIES; RATES; REGULATORY AGENCIES

11/3,K/45 (Item 1 from file: 583)
DIALOG(R)File 583:Gale Group Globalbase(TM)
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09402349
L'Energia prodotta con pannelli solari si potra vendere e detrarre i\
ITALY: PLAN FOR SOLAR POWER IN ROOFS
Il Sole 24 Ore (ISO) 10 Nov 2000 p.13
Language: ITALIAN

... by Italians in their roofs and walls through sun panels. They could be able to **save** 20-30% of their **electricity** fee **selling** their electricity to Italian electricity operator Enel in exchange of proportional **discounts** in electricity bill. The counting system is named 'net meeting'. Some 10,000 houses are...

11/3,K/46 (Item 2 from file: 583)
DIALOG(R)File 583:Gale Group Globalbase(TM)
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09314767
United chief warns of climate change threat
UK: UNITED UTILITIES WARNS OF CLIMATE CHALLENGES
Utility Week (AIC) 23 Jun 2000 p.5
Language: ENGLISH

...warming. He said that the energy industry would be able to respond given the right **incentives**. The electricity industry needs to make technical changes for a switch from a centralised grid...

... transmission system based on intermittent and embedded generation. The industry must consider a future where **energy efficiency** is more important than **selling** more units of energy.

11/3,K/47 (Item 3 from file: 583)
DIALOG(R)File 583:Gale Group Globalbase(TM)
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09298575
Green home loan to take red from the bottom line
AUSTRALIA: HIA, MACQUARIE UNVEIL HOUSING SCHEME
Australian Financial Review (AFR) 25 May 2000 p.50
Language: ENGLISH

...same day is the HIA GreenSmart Home Loan. This new loan package is aimed at **buyers** of **energy efficient** residential properties, or known as green homes. It offers a 0.25% **discount** based on the rate of standard variable home loan. HIA will ensure that these green...

11/3,K/48 (Item 4 from file: 583)
DIALOG(R)File 583:Gale Group Globalbase(TM)
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09074516
Don't let green loans colour your judgement
UK: LOWER MORTGAGES FOR ENERGY SAVING HOMES

Sunday Times (ST) 14 Mar 1999 Money section p.14
Language: ENGLISH

For people wishing to **buy energy - efficient** homes, UK mortgage lenders such as the Norwich & Peterborough building society are offering is offering a **discount** of 1% on its standard variable rate for of 6.7% for older properties, and...

... energy-ratings surveys on existing properties. In addition, it offers a one year 2.25% **discount** known as a Green Further Advance for environmentally-friendly home improvements. Ecology building society offers ...

... 6.9% variable mortgage rate, and after three years, customers qualify for a 0.5% **discount** for the rest of the term. In addition to the above, the Earthsaver remortgage provides...

11/3,K/49 (Item 5 from file: 583)
DIALOG(R)File 583:Gale Group Globalbase(TM)
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09013745

Increased charges to cover **discounts**

HONG KONG: **DISCOUNT** ON ENERGY SAVING APPLIANCES
The HongKong Standard (XKR) 06 Nov 1998 p.a2
Language: ENGLISH

Increased charges to cover **discounts**

HONG KONG: **DISCOUNT** ON ENERGY SAVING APPLIANCES

Hong Kong's two power companies China Light and Hongkong Electric will issue **discount** coupons for **purchase** of **energy saving** appliances from early 1999. The purpose is to encourage people to use energy saving appliances...

11/3,K/50 (Item 6 from file: 583)
DIALOG(R)File 583:Gale Group Globalbase(TM)
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09011464

CLP seeks plants in mainland

CHINA: CLP TARGETS LARGE POWER PLANT PROJECTS
South China Morning Post (XKT) 03 Nov 1998 p.b3
Language: ENGLISH

... of 300mw and 600 mw in China. Because the Chinese Government will close down or **sell** low **efficient power** plant of between 200mw-300mw, it is also interested to **buy** these small plants. Power firms may be forced to raise prices or cut cost if...

... finalises its plan to introduce new investment return calculation. It expects power projects will generate **less than** 15% yield after this plan. In addition, the Government will soon release its trial result...

11/3,K/51 (Item 7 from file: 583)
DIALOG(R)File 583:Gale Group Globalbase(TM)
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06590293

MOEA to establish an energy monitoring system

TAIWAN: SYSTEM TO MONITOR ENERGY USE

China Economic News (AMH) 23 Feb 1998

Language: ENGLISH

... industrial products such as computers and television sets. If the items fail to achieve the **energy efficiency** -index standards, they will be suspended to be **sold** in market. In addition, the government is thinking to scrap the tax- **incentive** measures encouraging the use of energy-saving equipment. And it will put punishments on companies...

11/3,K/52 (Item 8 from file: 583)

DIALOG(R) File 583:Gale Group Globalbase(TM)

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06539263

Condensing cashback scheme boosted by new consumer focus

UK: DEMAND FOR CONDENSING BOILERS INCREASES

H & V News (HAVN) 25 Oct 1997 p.2

Language: ENGLISH

Following a change in the **incentive** scheme for consumers who **buy** condensing boilers, the **Energy Savings** Trust reports that sales of the high-efficiency boilers have risen by 30-50 units...

11/3,K/53 (Item 9 from file: 583)

DIALOG(R) File 583:Gale Group Globalbase(TM)

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06392460

SchUrfere LUrmgrenzwerte f r neue Loks

GERMANY: BAHN GETS MORE ENVIRONMENT-FRIENDLY

Frankfurter Allgemeine Zeitung (FA) 14 Nov 1996 p.25

Language: GERMAN

... goal can only be reached if capacity utilisation is improved from the current average of **less than** 50%, explains Bahn chief Heinz D rrr. The premium system for locomotive drivers who **save energy** will be continued. Moreover, exhaust requirements for the **purchase** of new diesel locomotives will become stricter. Older diesel engines are to be retrofitted. The...

11/3,K/54 (Item 10 from file: 583)

DIALOG(R) File 583:Gale Group Globalbase(TM)

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06351405

Airco breezes in with energy saving campaign

THAILAND: AIRCO TO OFFER CASH **DISCOUNTS**

The Nation (XBO) 10 Aug 1996 P.B2

Language: ENGLISH

THAILAND: AIRCO TO OFFER CASH **DISCOUNTS**

...20% to B 1.8 bn in 1996, Airco Ltd plans to offer a cash **discount** of B

3,000 on each energy-saving unit to those customers who are unable...

... Farmers Bank are able to apply for the two-year, interest-free loan for the **purchase of energy - efficient** air-conditioners.

11/3,K/55 (Item 11 from file: 583)
DIALOG(R) File 583:Gale Group Globalbase(TM)
(c) 2002 The Gale Group. All rts. reserv.

06268127
Halifax to cut rates for savers
UK: HALIFAX CUTS SAVING ACCOUNT RATES
Daily Telegraph (DT) 15 Feb 1996 p.22
Language: ENGLISH

As of February 15th 1996, the UK's largest building society, the Halifax, will **reduce rates** on its 17mn savings accounts by between 0.35 and 0.1%. This will mean that the **purchasing power** of the **savings** for account holders will actually be shrinking, as the net return will be **lower than** the **rate** of inflation. The news comes as a Mintel survey is released by the Independent Financial...

11/3,K/56 (Item 12 from file: 583)
DIALOG(R) File 583:Gale Group Globalbase(TM)
(c) 2002 The Gale Group. All rts. reserv.

06216802
Sevillana reembolsa parte del coste a los compradores de electrodomesticos\
SPAIN: **REBATE** ON DOMESTIC APPLIANCE PURCHASES
Cinco Dias (CDS) 18 Oct 1995 p.8
Language: SPANISH

SPAIN: **REBATE** ON DOMESTIC APPLIANCE PURCHASES

... programme in conjunction with Spanish electricity companies, including Iberdrola, Union Fenosa and Sevillana, aimed at **saving electrical energy** by enticing consumers to **purchase** efficient domestic appliances (from light bulbs to refrigerator-freezers) through rebates (e.g. Pta 20...

11/3,K/57 (Item 13 from file: 583)
DIALOG(R) File 583:Gale Group Globalbase(TM)
(c) 2002 The Gale Group. All rts. reserv.

06039080
LA CONSOMMATION DE L'AN DERNIER VUE PAR L'INSEE
FRANCE: FRENCH CONSUMPTION IN 1993
Points de Vente (PDV) 24 Aug 1994 No564, p.16-17
Language: FRENCH

... years. If it is compared with the growth rate of the French population, per capita **purchases** are stagnant. Since 1998, households have not devoted increased **purchasing power** to **buying** but to **savings** which came to 14.2% in 1993, compared with 10.8% in 1987. In France...

... recreation and entertainment, and 7.6% to furnishings. This prudent purchasing favours the rise of **discount** stores, lowest-priced products, sales, and promotions, to the detriment of purchase for pleasure.

Expenditures...

11/3,K/58 (Item 14 from file: 583)
DIALOG(R) File 583:Gale Group Globalbase(TM)
(c) 2002 The Gale Group. All rts. reserv.

05448525

Le gouvernement relance les economies d'electricite
FRANCE - EDF TO RECEIVE GOVT FUNDS TO MODERNISE THERMAL PLANTS
Echos (LE) 16 November 1992 p13
ISSN: 0153-4831
Language: French

EDF, energy company, will receive state financial **incentives** to **purchase energy - saving** equipment, and by end 1992, will sign an agreement with the govt to bring its...

... with the potential to increase by half in 15 years. The energy minister is also **charging lower** costs to consumers who use energy at off-peak times.

11/3,K/59 (Item 15 from file: 583)
DIALOG(R) File 583:Gale Group Globalbase(TM)
(c) 2002 The Gale Group. All rts. reserv.

05002596

Comptoirs Modernes poursuit la restructuration de son reseau
FRANCE - COMPTOIRS MODERNES EXPECTS 10% RISE IN PROFIT IN 1992
Agence Economique & Financiere (AEF) 25 March 1992 p5
ISSN: 0755-1940
Language: French

... 9%, because of new stores being opened. The improved results are attributed to a more **efficient buying power** and growth of fresh products in its stores. Commercial margin fell to 19% of turnover from 20%, due to an aggressive pricing policy in response to hard- **discounters** and to make its stores as competitive as hypermarkets, and the franchising of 49 Comod...

11/3,K/60 (Item 16 from file: 583)
DIALOG(R) File 583:Gale Group Globalbase(TM)
(c) 2002 The Gale Group. All rts. reserv.

03062071

PATTEN OUTLINES ENVIRONMENTAL PLANS
UK - PATTEN OUTLINES ENVIRONMENTAL PLANS
Daily Mail (DML) 27 November 1989 p1,2

... of town hypermarkets, introducing a pollution tax on cars based on engine size, encouraging the **buying** of smaller cars, a switch towards **conserving energy** rather than building new power plants and a new tax regime with environmental **incentives** .
?

Set	Items	Description
S1	4	AU=(TABER W? OR TABER, W?)
S2	1801781	INSTALL? OR REPLACE? OR REPLACING OR EXCHANG? OR OFFER? OR DEPLOY?
S3	8178964	EQUIPMENT OR MERCHANDI? OR DEVICE? ? OR ELECTRONIC? ? OR G-ADGET? ? OR MACHINE? OR APPLIANCE?
S4	8048	DISCOUNT? OR REBATE OR INCENTIVE?
S5	1366954	(MORE OR HIGHER OR LESS? OR LOWER OR GREATER OR INCREASE? - OR DECREAS?) (2N) (THAN OR RATE? ?)
S6	44866	(REDUC??? OR LOWER) (2N) (PRICE OR CHARG??? OR RATE? ?)
S7	241970	S2(10N)S3
S8	2358894	MEASUR? OR CALCULAT? OR DETERMIN? OR COMPUTE OR COMPUTES OR COMPUTING OR ESTIMAT?
S9	26010	S8(5N) (EFFICIEN? OR SAVE? ? OR SAVING?)
S10	374	S7 AND S9
S11	19	S10 AND S5
S12	4	S10 AND (S4 OR S6)
S13	22.	S11 OR S12

? show file

File 347:JAPIO Nov 1976-2004/Oct(Updated 050208)
(c) 2005 JPO & JAPIO

File 350:Derwent WPIX 1963-2005/UD,UM &UP=200513
(c) 2005 Thomson Derwent

13/5/1 (Item 1 from file: 347)
DIALOG(R)File 347:JAPIO
(c) 2005 JPO & JAPIO. All rts. reserv.

05952011 **Image available**
IMMERSION-TYPE GRAVITATIONAL FILTRATION DEVICE AND FILTRATION METHOD USING
THIS DEVICE

PUB. NO.: 10-235111 [JP 10235111 A]
PUBLISHED: September 08, 1998 (19980908)
INVENTOR(s): TAKAHASHI MASAOKI
SHIMA HIROHISA
MIYAJIRI HIDEO
APPLICANT(s): MIE PREF GOV [464596] (A Japanese Government or Municipal
Agency), JP (Japan)
APPL. NO.: 09-062000 [JP 9762000]
FILED: February 27, 1997 (19970227)
INTL CLASS: [6] B01D-029/00; B01D-035/027
JAPIO CLASS: 24.3 (CHEMICAL ENGINEERING -- Mixing, Separation & Chrushing)

ABSTRACT

PROBLEM TO BE SOLVED: To enlarge a filter medium area and **increase** a filtration **rate** so that maintenance services are rapidly extended when a clogging occurs by making a filtration **device** discrete from a filtration tank as an independent **installation** and immersing the filtration **device** into the filtration tank when the device is used and further, performing a filtration process with the help of a filter medium to be attached to the lateral face or the bottom face of the filtration device using a liquid differential pressure between the outside and the inside of the filtration device, and removing the filtration device after its use.

SOLUTION: This immersion-type gravitational filtration device 1 has a filter medium 3 mounted on the lateral face and the bottom face of a porous support frame 2 and the upper face exposed to an atmosphere, and a weight 5 attached to the lower part of the device 1 for inhibiting a buoyancy, and stabilization. To enlarge a filtrating area and minimize the buoyance of the device 1, the filter medium 3 is of a laminated type. The filtering process is performed by using only the differential pressure between the internal liquid level 7 of the filtration device 1 and the liquid level 8 of the filtration tank 4, and a filtration pressure is applied by maintaining and adjusting the water levels of both device 1 and tank 4. The liquid of the filtration tank 4 is filtered using the filter medium 3 and the filtered liquid is transferred into the filtration device 1. The filtrate contained in the device 1 is drained to the outside of the device 1 and the filtrating process is continued on account of a drop in the liquid level 7 in the filtration device 1. Thus it is possible to enlarge the total filtrating area and **increase** the filtrating **rate** to enhance the filtrating **efficiency** and further, facilitate anticlogging **measures** and maintenance services.

13/5/2 (Item 2 from file: 347)
DIALOG(R)File 347:JAPIO
(c) 2005 JPO & JAPIO. All rts. reserv.

05703337 **Image available**
METHOD OF THERMAL STORAGE IN BUILDING STRUCTURE

PUB. NO.: 09-318137 [JP 9318137 A]
PUBLISHED: December 12, 1997 (19971212)
INVENTOR(s): SAKUMA MASAYOSHI

YOMO NOBUO
IMAIZUMI TOSHIKAZU
APPLICANT(s): HITACHI PLANT ENG & CONSTR CO LTD [327612] (A Japanese
Company or Corporation), JP (Japan)
APPL. NO.: 08-161038 [JP 96161038]
FILED: May 30, 1996 (19960530)
INTL CLASS: [6] F24F-011/02; F28F-027/00
JAPIO CLASS: 24.2 (CHEMICAL ENGINEERING -- Heating & Cooling); 23.1
(ATOMIC POWER -- General)

ABSTRACT

PROBLEM TO BE SOLVED: To effect a waste **saving** thermal storage by **determining** a quantity of cold stored in the night on the basis of an in-skeleton temperature and an estimated highest ambient temperature on the next day in an equipment, in which cold is stored in a structure such as a building and the like in a nuclear power station in night and a quantity of cold stored is used at the time of thermal load peak in the day.

SOLUTION: An air conditioning equipment in a building of a nuclear power station has a supply unit 20 for supplying a conditioned air into the building such that outside air taken through an intake air filter 28 is supplied to respective chambers A to D via an air duct 34 after it is subjected to temperature adjustment by a heat **exchanger** 30. At this time, a control **device** 24 controls an opening degree of a cooling water supply valve 40 on the basis of detected values from an intake air temperature sensor 52 and an in-structure temperature sensor 54. At a predetermined time in the evening, an estimated highest ambient temperature value on the next day is inputted into the control device 24 to permit determination of an upper limit value of the opening degree of the valve 40 in an opening direction to limit the opening degree of the valve 40 to **less than** a predetermined opening degree, in which state a cold storage operation is performed through the night.

13/5/3 (Item 3 from file: 347)
DIALOG(R) File 347:JAPIO
(c) 2005 JPO & JAPIO. All rts. reserv.

04503553 **Image available**
HOT WATER FEEDING DEVICE

PUB. NO.: 06-147453 [JP 6147453 A]
PUBLISHED: May 27, 1994 (19940527)
INVENTOR(s): OSAWA AKIRA
APPLICANT(s): OSAKA GAS CO LTD [000028] (A Japanese Company or Corporation)
, JP (Japan)
APPL. NO.: 04-304260 [JP 92304260]
FILED: November 16, 1992 (19921116)
INTL CLASS: [5] F23J-003/00; F24H-001/10; F24H-009/20
JAPIO CLASS: 24.2 (CHEMICAL ENGINEERING -- Heating & Cooling)
JOURNAL: Section: M, Section No. 1666, Vol. 18, No. 469, Pg. 91,
August 31, 1994 (19940831)

ABSTRACT

PURPOSE: To provide a hot water feeding **device** having a heat **exchanger** for heating water and a burner for heating the heat exchanger in which a maintenance alarm can be produced at a time suitable for removing combustion product in response to an adhering amount of the combustion product irrespective of an environment of use of the hot water feeding device.

CONSTITUTION: There are provided a combustion product adhering amount sensing means 102 for detecting that an amount of adhering of the combustion product to a heat exchanger 1 is **more than** its set value, and an alarm means 9 operated to alarm in response to a detected information of the combustion product adhering amount sensing means 102. There is also provided a thermal **efficiency calculation** means 101 for **calculating** a thermal **efficiency** in response to detected information of each of a feeding water temperature sensing means S1, a hot water feeding temperature sensing means S3 and a water feeding amount sensing means S2 and a set information of a target temperature setting means 8. The combustion product adhering amount sensing means 102 is constructed such that it detects that the adhering amount is **more than** a set value in response to the fact that a **calculated** value of the thermal **efficiency calculation** means 101 is **more than** a set thermal efficiency.

13/5/4 (Item 4 from file: 347)

DIALOG(R)File 347:JAPIO

(c) 2005 JPO & JAPIO. All rts. reserv.

04479842 **Image available**

ALLOYING-DEGREE AUTOMATIC MEASURING APPARATUS FOR ALLOYED ZINC-PLATED LAYER

PUB. NO.: 06-123742 [JP 6123742 A]

PUBLISHED: May 06, 1994 (19940506)

INVENTOR(s): YOSHIKAWA HIROYASU
SHIMURA MASAOKI

APPLICANT(s): NKK CORP [000412] (A Japanese Company or Corporation), JP
(Japan)

APPL. NO.: 04-271715 [JP 92271715]

FILED: October 09, 1992 (19921009)

INTL CLASS: [5] G01N-035/02; G01N-033/20

JAPIO CLASS: 46.2 (INSTRUMENTATION -- Testing); 12.6 (METALS -- Surface Treatment)

JOURNAL: Section: P, Section No. 1780, Vol. 18, No. 412, Pg. 76,
August 02, 1994 (19940802)

ABSTRACT

PURPOSE: To achieve that the alloying degree of an alloyed zinc-plated layer is measured with high precision and automatically.

CONSTITUTION: A beaker **installation** place 18 is formed on a turntable 1, single operating **devices** such as a dissolving-acid injection device 11, a sample-under- test mounting device 12, a beaker reversing device 13, solution sampling device 15 and the like are arranged along its circumference, a solution sample which has been sampled is sent to an analytical apparatus 2, and the amount of Zn and Fe is measured. A series of operation instructions, content operations and the like is performed by an operation device 3. In order to measure a component amount, an atomic absorption method, a colorimetric method or the like is used, and it is proper to measure the amount by a flow injection system. Consequently, since the sample can be sampled by a chemical dissolution, only a plated layer can be sampled **more accurately than** a physical sampling method, and a measured value whose precision and accuracy are high can be obtained while labor together with a **measuring** method is being **saved**.

13/5/5 (Item 5 from file: 347)

DIALOG(R)File 347:JAPIO

(c) 2005 JPO & JAPIO. All rts. reserv.

04394054 **Image available**
FACSIMILE TERMINAL **EQUIPMENT** DISTRIBUTION CONTROL SYSTEM IN FACSIMILE
STORE AND FORWARD **EXCHANGE**

PUB. NO.: 06-037954 [JP 6037954 A]
PUBLISHED: February 10, 1994 (19940210)
INVENTOR(s): SUZUKI KATSUMI
 SHINODA TAKASHI
APPLICANT(s): NEC CORP [000423] (A Japanese Company or Corporation), JP
 (Japan)
 NEC ENG LTD [329822] (A Japanese Company or Corporation), JP
 (Japan)
APPL. NO.: 04-189050 [JP 92189050]
FILED: July 16, 1992 (19920716)
INTL CLASS: [5] H04N-001/00; H04L-012/54; H04L-012/58
JAPIO CLASS: 44.7 (COMMUNICATION -- Facsimile); 44.3 (COMMUNICATION --
 Telegraphy)
JOURNAL: Section: E, Section No. 1549, Vol. 18, No. 260, Pg. 60, May
 18, 1994 (19940518)

ABSTRACT

PURPOSE: To effectively utilize call enable time frame to charge by the time on a network side.

CONSTITUTION: A telegraphic message management part 11 stores the attribute information (the number of pages, the quantity of picture information) of telegraphic messages. A distribution control part 10 reports the attribute information of all the telegraphic messages of the same address to a distribution required time calculation part 12 and distribution required time including the time of facsimile procedure control signals and the **efficiency** of the network is **calculated**. When the distribution required time is between the upper limit and lower limit of the optimum calling time held beforehand by a subscriber information management part 13 or exceeds the upper limit, the distribution to the address (arranged distribution in the case of the plural telegraphic messages) is performed. When the distribution required time is below the lower limit, the next telegraphic message storage to the same address is waited, the distribution reaching the optimum calling time range is performed, the calling enable time frame to the charge by the time on the network side is effectively utilized and the distribution **charge** is **reduced**.

13/5/6 (Item 1 from file: 350)

DIALOG(R)File 350:Derwent WPIX
(c) 2005 Thomson Derwent. All rts. reserv.

016111331 **Image available**
WPI Acc No: 2004-269207/200425
XRAM Acc No: C04-104818
XRPX Acc No: N04-212892

Carbon nanotube attached with one or more nucleic acid molecules, useful as biosensor for screening presence of bacterial or viral nucleic acid in clinical samples

Patent Assignee: COMMONWEALTH SCI & IND RES ORG (CSIR)
Inventor: MCCALL M; MOGHADDAM M
Number of Countries: 105 Number of Patents: 002
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200420450	A1	20040311	WO 2003AU1118	A	20030829	200425 B
AU 2003254416	A1	20040319	AU 2003254416	A	20030829	200462

Priority Applications (No Type Date): AU 2002951274 A 20020830

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 200420450 A1 E 147 C07H-021/04

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA
CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN
IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO
NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US
UZ VC VN YU ZA ZM ZW

Designated States (Regional): AT BE BG CH CY CZ DE DK EA EE ES FI FR GB
GH GM GR HU IE IT KE LS LU MC MW MZ NL OA PT RO SD SE SI SK SL SZ TR TZ
UG ZM ZW

AU 2003254416 A1 C07H-021/04 Based on patent WO 200420450

Abstract (Basic): WO 200420450 A1

NOVELTY - A nanotube (I) attached with one or more nucleic acid molecule(s), is new.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for:

- (1) chemically modifying (M1) a nanotube;
- (2) physically modifying (M2) a nanotube;
- (3) linking (M3) nanotubes;
- (4) a several linked nanotubes (II) produced by (M3);
- (5) directing (M4) nanotubes to specific targets;
- (6) a nucleic acid sensor (III) comprising (I), where the base sequence of the attached nucleic acid molecule is substantially complementary to all or a portion of the base sequence of the nucleic acid molecules being detected;
- (7) a DNA array consisting of an array of groups of one or more nanotubes, each group having one or more nucleic acid molecules of the same base sequence attached to each nanotubes in the group, and where the base sequence of the nucleic acid molecules, attached to the nanotubes in one group differs from those in other groups so that a number of different target DNA molecules may be detected;
- (8) an actuator comprising (I) and a membrane support to which the DNA-modified nanotubes are attached; and
- (9) a conductor (IV) comprising (I).

USE - (I) is useful in coating one or more nanotubes with nanoparticles, which involves exposing (I) to nanoparticles comprising several attached complementary nucleic acid molecules, where the nanoparticles hybridize to the nucleic acid molecules on the surface of the nanotube(s) as well as self-annealing to other nanoparticles, forming one or more coated nanotubes (claimed). (I) is useful as biosensor for detecting complementary nucleic acid strands, useful in clinical application for screening presence of bacterial or viral nucleic acid, in pharmaceutical applications, agricultural applications, food control, hygiene and environmental monitoring and forensic applications. (II) is useful as nano-scale conductors or semiconductors, more specifically components in nano- **electronic** applications, as **replacement** for damaged nerves in prostatic applications, or as the bio- **electronic** interface in bio-electronic devices. (II) is also useful as transistors or gated devices.

ADVANTAGE - (I) is more specific and has **efficient measurable** electrical conductivity profile.

DESCRIPTION OF DRAWING(S) - The figure shows a schematic diagram of gold nanoparticles functionalized with DNA.

pp; 147 DwgNo 5/20

Title Terms: CARBON; ATTACH; ONE; MORE; NUCLEIC; ACID; MOLECULAR; USEFUL;

SCREEN; PRESENCE; BACTERIA; VIRUS; NUCLEIC; ACID; CLINICAL; SAMPLE

Derwent Class: B04; D16; L02; L03; Q68; S03; U11; U12; V06

International Patent Class (Main): C07H-021/04

International Patent Class (Additional): B82B-001/00; B82B-003/00;

C12M-001/34; C12Q-001/68
File Segment: CPI; EPI; EngPI

13/5/7 (Item 2 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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015442354 **Image available**
WPI Acc No: 2003-504496/200347
XRPX Acc No: N03-400636

User equipment deployment method for energy service industry,
involves replacing user equipment with energy efficient equipment
and selling energy saved by replaced equipment at price less than
that of purchased energy

Patent Assignee: PRINCETON DEV CORP (PRIN-N)

Inventor: TABER W S

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20030101062	A1	20030529	US 2000235995	P	20000927	200347 B
			US 2001964133	A	20010925	

Priority Applications (No Type Date): US 2000235995 P 20000927; US
2001964133 A 20010925

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 20030101062	A1	11	G06F-017/60	Provisional application	US 2000235995

Abstract (Basic): US 20030101062 A1

NOVELTY - Equipment such as lighting equipment, is replaced
with an energy efficient equipment at end user site, at no cost to
user. The energy saved at user site is measured. The saved energy
is sold at price less than the price of energy purchased from an
energy generating company.

USE - For processing and deploying energy efficient user
equipment such as lighting equipment, air conditioning, motors and
drives and power generation equipment in energy service industry.

ADVANTAGE - Increases cost-efficiency of the process and provides
economic benefits to the participating host computer.

DESCRIPTION OF DRAWING(S) - The figure shows a graphical
representation of the energy procurement process.

pp; 11 DwgNo 1/6

Title Terms: USER; EQUIPMENT; DEPLOY; METHOD; ENERGY; SERVICE; INDUSTRIAL;
REPLACE; USER; EQUIPMENT; ENERGY; EFFICIENCY; EQUIPMENT; SELL; ENERGY;
SAVE; REPLACE; EQUIPMENT; PRICE; LESS; PURCHASE; ENERGY

Derwent Class: T01

International Patent Class (Main): G06F-017/60

File Segment: EPI

13/5/8 (Item 3 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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015403233 **Image available**
WPI Acc No: 2003-465373/200344
XRPX Acc No: N03-370123

Providing ground complex for tests of combat equipment of antiaircraft
missiles and projectiles

Patent Assignee: INSTR-MAKING CONS BUR (INST-R)

Inventor: DUDKA V D; EHNTIN A P; FERULENKOV A V; FROLOV V A; KAPUSTIN A S;
KUZNETSOV V M; MAKHONIN V V; SOSNA A V

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
RU 2205352	C2	20030527	RU 2001120144	A	20010718	200344 B

Priority Applications (No Type Date): RU 2001120144 A 20010718

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
RU 2205352	C2		F41J-001/18	

Abstract. (Basic): RU 2205352 C2

NOVELTY - The supporting structure is made in the form of supporting masts installed on a concrete bed at a distance relative to each other exceeding the value of four maximum radii of action of contactless explosive **device**. The height of the mentioned masts provides for **installation** of the simulated target on a rope between the tops of the masts at a height of not **less than** the minimum flight altitude of a real target. The simulated target is provided with fore and aft tie rods, providing the required angles of inclination in the vertical and horizontal planes of the missile approach trajectory. The launching device represents an antiaircraft missile complex mount with missiles, whose combat equipment comprises a contactless explosive device and a warhead.

USE - Tests of armament, in particular, tests of antiaircraft missiles and projectiles.

ADVANTAGE - Provided **determination** of the **efficiency** of matching of the circle directivity pattern of actuation of the contactless explosive devices and the scattering field of the warhead destroying elements, as well as prevented influence of the supporting masts and underlying surface on actuation of the explosive devices. 1 dwg

pp; 0 DwgNo 1/1

Title Terms: GROUND; COMPLEX; TEST; COMBAT; EQUIPMENT; MISSILE; PROJECTILE

Derwent Class: Q79

International Patent Class (Main): F41J-001/18

International Patent Class (Additional): F41J-009/08

File Segment: EngPI

13/5/9 (Item 4 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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015319444 **Image available**

WPI Acc No: 2003-380379/200336

XRFX Acc No: N03-303782

Discounts **processing method** for products such as tooth paste, involves **determining** discount information after receiving product information from customer processing device, for offering products to customer with discount

Patent Assignee: INT BUSINESS MACHINES CORP (IBMC)

Inventor: BANERJEE D N; DUTTA R

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20030028426	A1	20030206	US 2001920456	A	20010802	200336 B

Priority Applications (No Type Date): US 2001920456 A 20010802

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes
US 20030028426 A1 13 G06F-017/60

Abstract (Basic): US 20030028426 A1

NOVELTY - The product information is entered into customer processing device for processing **discounts** to customers. A server receives the product information from the customer processing **device** for determining **discount** information to **offer** products to customer.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

- (1) customer processing device; and
- (2) computer terminal.

USE - For processing **discounts** for products such as tooth paste, ice cream and milk.

ADVANTAGE - Processes the **discounts** to customer after entering the product information into the customer processing device for **efficiently** processing **electronic** coupons. Efficiently **determines** the **discount** information of **offered** products for automatically updating manufacturer product and coupon accounts.

DESCRIPTION OF DRAWING(S) - The figure shows an explanatory drawing of the interconnected electronic coupon processing systems.

pp; 13 DwgNo 1/7

Title Terms: **DISCOUNT** ; PROCESS; METHOD; PRODUCT; TOOTH; PASTE; DETERMINE;
DISCOUNT ; INFORMATION; AFTER; RECEIVE; PRODUCT; INFORMATION; CUSTOMER;
PROCESS; DEVICE; OFFER; PRODUCT; CUSTOMER; **DISCOUNT**

Derwent Class: T01; T05

International Patent Class (Main): G06F-017/60

File Segment: EPI

13/5/10 (Item 5 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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015059514 **Image available**

WPI Acc No: 2003-120030/200311

XRPX Acc No: N03-095655

Peripheral device location determination method involves replacing current location data of peripheral device with obtained location data of PDA or portable computer, when obtained data is more reliable than current location data

Patent Assignee: HEWLETT-PACKARD CO (HEWP); FIDLER M (FIDL-I);

HEWLETT-PACKARD DEV CO LP (HEWP)

Inventor: FIDLER M

Number of Countries: 003 Number of Patents: 004

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20020161547	A1	20021031	US 2001846022	A	20010430	200311 B
JP 2003102052	A	20030404	JP 2002125825	A	20020426	200332
US 6725051	B2	20040420	US 2001846022	A	20010430	200427
SE 524221	C2	20040713	SE 2002702	A	20020311	200447

Priority Applications (No Type Date): US 2001846022 A 20010430

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 20020161547	A1		13 G01C-009/00	
JP 2003102052	A		10 H04Q-007/34	
US 6725051	B2		H04Q-007/20	
SE 524221	C2		H04Q-007/38	

Abstract (Basic): US 20020161547 A1

NOVELTY - A personal digital assistant (PDA) or a portable computer is queried through a wireless protocol for obtaining its location data. A current location data of the peripheral **device** is **replaced** with the obtained location data, if the obtained data is **more** reliable **than** the current location data.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is included for computer program product for determining location of peripheral device.

USE - For determining location of peripheral device such as printer, copier, facsimile and scanner.

ADVANTAGE - The location of peripheral device is **determined efficiently** without using RTLS type component.

DESCRIPTION OF DRAWING(S) - The figure shows the flowchart explaining peripheral device location determination process.

pp; 13 DwgNo 3/5

Title Terms: PERIPHERAL; DEVICE; LOCATE; DETERMINE; METHOD; REPLACE; CURRENT; LOCATE; DATA; PERIPHERAL; DEVICE; OBTAIN; LOCATE; DATA; PORTABLE ; COMPUTER; OBTAIN; DATA; MORE; RELIABILITY; CURRENT; LOCATE; DATA

Derwent Class: S02; T01; T04; W06

International Patent Class (Main): G01C-009/00; H04Q-007/20; H04Q-007/34; H04Q-007/38

International Patent Class (Additional): G06F-003/12; G08C-017/00;

G08C-021/00; G08C-023/04; H04L-012/28

File Segment: EPI

13/5/11 (Item 6 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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014282889 **Image available**

WPI Acc No: 2002-103590/200214

XRPX Acc No: N02-077393

Fault point determination method for transmission and distribution line, involves detecting fault point when difference current value and ratio of difference current to characteristic current are more than a fixed value

Patent Assignee: FUJI ELECTRIC CO LTD (FJIE)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2001349921	A	20011221	JP 2000179400	A	20000609	200214 B

Priority Applications (No Type Date): JP 2000179400 A 20000609

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 2001349921	A	15	G01R-031/08	

Abstract (Basic): JP 2001349921 A

NOVELTY - The existence of fault point inbetween two data acquisition **device installation** points, is detected when the difference between the current values acquired by the data acquisition devices is **more than** a fixed value and when the ratio of current difference value to a characteristic current value is **more than** a fixed value.

USE - For determination of fault point in transmission and distribution line.

ADVANTAGE - Prevents erroneous evaluation of fault point and

enhances fault point determination accuracy by eliminating ratio error peculiar to the data acquisition device and **determines** fault point **efficiently** at high speed.

DESCRIPTION OF DRAWING(S) - The figure shows the detection current vector diagram of data acquisition device during system failure.

(Drawing includes non-English language text).

pp; 15 DwgNo 3/12

Title Terms: FAULT; POINT; DETERMINE; METHOD; TRANSMISSION; DISTRIBUTE; LINE; DETECT; FAULT; POINT; DIFFER; CURRENT; VALUE; RATIO; DIFFER; CURRENT; CHARACTERISTIC; CURRENT; MORE; FIX; VALUE

Derwent Class: S01

International Patent Class (Main): G01R-031/08

International Patent Class (Additional): G01R-015/14; H02J-013/00

File Segment: EPI

13/5/12 (Item 7 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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014277401 **Image available**

WPI Acc No: 2002-098103/200213

XRPX Acc No: N02-072454

Performance-based method for obtaining savings in industrial process, involves identifying modification for improving productivity related parameter of industrial process

Patent Assignee: SHARED SAVINGS CONTRACTS INC (SHAR-N)

Inventor: DUFFY J B; RATTEREE M S

Number of Countries: 092 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200197008	A1	20011220	WO 2000US16270	A	20000614	200213 B
AU 200057360	A	20011224	AU 200057360	A	20000614	200227
			WO 2000US16270	A	20000614	

Priority Applications (No Type Date): WO 2000US16270 A 20000614

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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WO 200197008	A1	E	72	G06F-007/60	
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Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW NL OA PT SD SE SL SZ TZ UG ZW

AU 200057360	A			G06F-007/60	Based on patent WO 200197008
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Abstract (Basic): WO 200197008 A1

NOVELTY - A performance-based contract is established between owner of industrial process and a contractor. A statistical mathematical model describing productivity related parameter for the process, is derived using computer. A modification for improving the parameter, is identified and implemented.

USE - For obtaining savings in operating and/or fixed costs of industrial process involving furnaces, molding **machines**, mills, waste treatment, filters, heat **exchangers**, reactors, boilers, mixers, grinders, presses, etc.

ADVANTAGE - Provides suitable and attractive **incentive** for all parties and effectively apportions the risk of failure among the parties. Permits financing of capital expenditures off the balance

sheet of the owner. Systematically and accurately **measures** the **savings** resulting from modification, rather than from changes in variables that are unrelated to the modification. Provides the owner with information that could be used in process management.

DESCRIPTION OF DRAWING(S) - The figure shows the flowchart for performance-based savings obtaining method.

pp; 72 DwgNo 1A/5

Title Terms: PERFORMANCE; BASED; METHOD; OBTAIN; SAVE; INDUSTRIAL; PROCESS; IDENTIFY; MODIFIED; IMPROVE; PRODUCE; RELATED; PARAMETER; INDUSTRIAL; PROCESS

Derwent Class: T01

International Patent Class (Main): G06F-007/60

File Segment: EPI

13/5/13 (Item 8 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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014250431 **Image available**

WPI Acc No: 2002-071131/200210

XRPX Acc No: N02-052857

Electromagnetic-field measuring device for electronic device, measures value of electromagnetic wave in desired position, based on electric or magnetic field in area which satisfies specific conditions

Patent Assignee: HITACHI LTD (HITA)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2001318112	A	20011116	JP 2000142291	A	20000510	200210 B

Priority Applications (No Type Date): JP 2000142291 A 20000510

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 2001318112	A	11	G01R-029/08	

Abstract (Basic): JP 2001318112 A

NOVELTY - The **measurement** wavelength and **efficiency** -upper limit are set to D and λ , respectively. The distance from an electronic component is set to r' such that r is **greater than** $(\lambda \div 2)$. The value of electromagnetic wave in desired position is measured based on electric or magnetic field in the area which satisfies r **greater than** $\lambda \div 2(\pi)$ and r **less than** $2D \div \lambda$.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

- (a) Electromagnetic-field measuring method;
- (b) Electronic device manufacturing method

USE - For measuring electromagnetic field generated by electronic device.

ADVANTAGE - Electromagnetic field is measured with simple **installation** at a desired distance from the **electronic device** without using electromagnetic wave dark room.

DESCRIPTION OF DRAWING(S) - The figure shows the electromagnetic-field measuring device. (Drawing includes non-English language text).

pp; 11 DwgNo 1/17

Title Terms: ELECTROMAGNET; FIELD; MEASURE; DEVICE; ELECTRONIC; DEVICE; MEASURE; VALUE; ELECTROMAGNET; WAVE; POSITION; BASED; ELECTRIC; MAGNETIC; FIELD; AREA; SATISFY; SPECIFIC; CONDITION

Derwent Class: S01

International Patent Class (Main): G01R-029/08
File Segment: EPI

13/5/14 (Item 9 from file: 350)
DIALOG(R) File 350:Derwent WPIX
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013685876 **Image available**
WPI Acc No: 2001-170100/200118
XRAM Acc No: C01-051048
XRPX Acc No: N01-122696

Purification of groundwater containing pollutants, using chemical reaction and adsorption container

Patent Assignee: BAUER SPEZIALTIEFBAU GMBH (BAUE-N)

Inventor: SPANIER J

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
DE 19938922	A1	20010301	DE 1038922	A	19990817	200118 B

Priority Applications (No Type Date): DE 1038922 A 19990817

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
DE 19938922	A1		6	C02F-001/00	

Abstract (Basic): DE 19938922 A1

NOVELTY - Purification of groundwater containing pollutants, using chemical reaction and adsorption container, is implemented as simple siphonic arrangement with careful control of relative levels

DETAILED DESCRIPTION - The polluted groundwater level (2) is higher in the extraction region (A) than in the discharge region (E) for purified water. The water table fall is natural, or is promoted between the regions (A, E). The discharge passes into e.g. an outfall ditch, prepared gutter, channel, lower water table or drain. Extraction lowers the water table by height (h), **less than** the height difference (H) between the regions (A, E), inducing the flow. One or more vessels (1) with inlet openings (11) are located in the extraction region. A pipeline (5) inlet (4) is submerged in the vessel. The outlet opening (6) is maintained constantly below the lowering level (12) in the vessel, with a height difference (a). A container (9) in the sealed line contains reactive substances (10). Line and container are sealed air-tight. The container cross section exceeds that of the line. The method operates siphonically, with no further energy input.

Preferred features: The container (9) is preferably located in a readily-accessible position above the water table and/or above ground level. The sealed line includes (manual) flow control valves (7, 13). They are adjusted to set up a quasi-static flow state. At the start (4) or end (6) of the line, a pump is mounted, optionally removably. This produces the lowering (h) in water level, to fill the pipeline and commence operations. The operation may be carried out between a number of different levels. The vessel (1) may take over the function of the pipeline in the extraction region. It is constructed as a percolation pit for water. The outlet openings (6) for cleaned groundwater discharge into one or more groundwater lines, ditches, streams, flows, channels, drains or a combination. The container (9) is filled with an adsorbent, reactive substance and/or aggregate, suitable for active and/or passive conversion of pollutants. The container enables desorption of pollutants, preferably using air under reduced pressure. Whilst the container alone is not resistant to reduced pressures, it is reinforced by its solid filling. Provision for volumetric flowrate and

purification efficiency measurement are made in the pipeline. Volumetric flowrate is varied to change the hydraulic head (a) and/or flow control valves are operated to alter flow resistance. Operation is initiated using equipment to fill the line with water, using reduced pressure. The outlet region is so designed that no air can enter the run-off line, especially by formation of a siphon.

USE - To purify groundwater contaminated by pollutants.

ADVANTAGE - The arrangement minimizes complexity, installation and equipment costs, and energy consumption. Replacement of consumed reactive materials is simplified, because the container is deliberately sited above ground. The container for these materials need not in itself, be designed expensively for reduced pressures, so long as the contents prevent collapse.

DESCRIPTION OF DRAWING(S) - A cross section of the equipment, in-situ and working, is presented.

vessel (1)
polluted groundwater level (2)
inlet (4)
pipeline (5)
outlet opening (6)
inlet openings (11)
lowering level in vessel (12)
container (9)
reactive substances (10)
height difference (a)
height lowering of water table, due to extraction (h)
extraction region (A)
discharge region (E)
height difference between regions (H)
pp; 6 DwgNo 1/1

Title Terms: PURIFICATION; CONTAIN; POLLUTION; CHEMICAL; REACT; ADSORB;
CONTAINER

Derwent Class: D15; Q42

International Patent Class (Main): C02F-001/00

International Patent Class (Additional): E03B-003/08

File Segment: CPI; EngPI

13/5/15 (Item 10 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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013653310 **Image available**

WPI Acc No: 2001-137522/200114

XRPX Acc No: N01-100198

Floating plate ion monitoring system for room air ionization system, has ion conducting and shielding surfaces between which capacitance is established electrically, on application of potential to shielding surface

Patent Assignee: WILLIAMS B T (WILL-I); WILLIAMS B (WILL-I)

Inventor: WILLIAMS B; WILLIAMS B T

Number of Countries: 026 Number of Patents: 005

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200063707	A1	20001026	WO 2000US10791	A	20000421	200114 B
EP 1192474	A1	20020403	EP 2000930129	A	20000421	200230
			WO 2000US10791	A	20000421	
US 6433552	B1	20020813	US 99130331	P	19990421	200255
			US 2000556922	A	20000421	
CN 1375061	A	20021016	CN 2000809238	A	20000421	200311
JP 2003508725	W	20030304	JP 2000612761	A	20000421	200319

Priority Applications (No Type Date): US 99130331 P 19990421; US 2000556922 A 20000421

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 200063707 A1 E 52 G01R-019/00

Designated States (National): CN ID JP KR SG VN

Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

EP 1192474 A1 E G01R-019/00 Based on patent WO 200063707

Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

US 6433552 B1 G01R-029/12 Provisional application US 99130331

CN 1375061 A G01R-019/00

JP 2003508725 W 41 G01R-029/24 Based on patent WO 200063707

Abstract (Basic): WO 200063707 A1

NOVELTY - An ion collector assembly (50) comprises ion conducting surface (52) and shielding surface (62), on opposite sides of insulating sheet. Potential is applied to the shielding surface corresponding to ions impinged on the ion conducting surface. As a result, capacitance is established between the surfaces (52,62) electrically, which is independent of physical configuration of the assembly.

DETAILED DESCRIPTION - The ion conducting surface and shielding surface are respectively connected to non-inverting and inverting inputs of operational amplifier. A capacitor is connected between the conducting surface and internal electrical reference. The capacitance is established between the surfaces such that voltage of the capacitor is not equal to or **greater than** voltage appearing at the ion conducting surface. An INDEPENDENT CLAIM is also included for floating plate ion monitoring method.

USE - For **measuring** effectiveness and **efficiency** of room air ionization system during semiconductor manufacture, to **reduce charge** accumulation on charge sensitive semiconductor elements such as metal oxide semiconductor field effect transistor (MOSFET) gate arrays, digital memory or logic elements or liquid crystal display (LCD) using thin film transistor (TFT) device.

ADVANTAGE - Requires less maintenance and features high reliability by eliminating use of mechanical **devices** such as electrostatic probes and relays or solenoids. **Offers** high bandwidth capability to allow detection and measurement of AC electrical fields. Single highly flexible small diameter conductor shield cable is sufficient to easily positioned the ion plate assembly in the measurement areas.

DESCRIPTION OF DRAWING(S) - The figure shows the schematic diagram of floating plate voltage monitoring system.

Ion collector assembly (50)

Ion conducting surface (52)

Shielding surface (62)

pp; 52 DwgNo 10/10

Title Terms: FLOAT; PLATE; ION; MONITOR; SYSTEM; ROOM; AIR; IONISE; SYSTEM; ION; CONDUCTING; SHIELD; SURFACE; CAPACITANCE; ESTABLISH; ELECTRIC; APPLY ; POTENTIAL; SHIELD; SURFACE

Derwent Class: S01; S03; U11; X25

International Patent Class (Main): G01R-019/00; G01R-029/12; G01R-029/24

File Segment: EPI

13/5/16 (Item 11 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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013410299 **Image available**

WPI Acc No: 2000-582237/200055

XRPX Acc No: N00-430933

Distribution board for electric power measuring device has counter for counting pulse signal that is generated, when total value of consumed electric power reaches predetermined value

Patent Assignee: MATSUSHITA ELECTRIC WORKS LTD (MATW)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2000230946	A	20000822	JP 9930788	A	19990209	200055 B

Priority Applications (No Type Date): JP 9930788 A 19990209

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 2000230946	A	10	G01R-022/00	

Abstract (Basic): JP 2000230946 A

NOVELTY - A current transformer (3) detects the current flow between master and branch switches. When the consumed power calculated based on the detected source voltage and the current at the secondary side of the master switch, is **more than** predetermined level, the generated count pulse is calculated until the total power consumption is calculated and displayed.

DETAILED DESCRIPTION - The branch switch is connected to secondary side of the master switch.

USE - For measuring electric power consumed by business establishment.

ADVANTAGE - Enables to detect electrical energy accurately. Enables to reduce size of electric power **measuring device** to **save installation** space. Facilitates attachment of power measuring **device** easily.

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of the electric power measuring device attached to distribution board.

Transformer (3)
pp; 10 DwgNo 1/11

Title Terms: DISTRIBUTE; BOARD; ELECTRIC; POWER; MEASURE; DEVICE; COUNTER; COUNT; PULSE; SIGNAL; GENERATE; TOTAL; VALUE; CONSUME; ELECTRIC; POWER; REACH; PREDETERMINED; VALUE

Derwent Class: S01; X13

International Patent Class (Main): G01R-022/00

International Patent Class (Additional): H02B-001/42

File Segment: EPI

13/5/17 (Item 12 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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011808898 **Image available**

WPI Acc No: 1998-225808/199820

XRPX Acc No: N98-179298

Balanced support apparatus for measuring device installed in satellite - has extension object, which holds oscillatory object in vertical direction from fixed support position, when mobile object oscillates with fixed support position as centre

Patent Assignee: MIYA K (MIYA-I)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 10068642	A	19980310	JP 96242518	A	19960827	199820 B

Priority Applications (No Type Date): JP 96242518 A 19960827

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 10068642	A		5 G01D-011/08	

Abstract (Basic): JP 10068642 A

The apparatus has a pair of equilibrium support units (P1,P2) which rotatably supports an oscillation object (A) at a fixed support position. A load (L) is attached to either ends of a balanced support body (B) which extends from positions of the first equilibrium support unit symmetrically existing on either sides of fixed support position, along horizontal axis (XX'). An upper rotation connector (D1) is attached to the first equilibrium support unit in vertical axis (ZZ') through an extension object (C). The maximum extension length of the extension object is found to be equal to first predefined set value.

A mobile object (G) is attached to the lower end of the second equilibrium support unit in the vertical direction. A distance holder (H) maintains the distance between the fixed support position and mobile object to be equal to a second predefined length **greater than** the first predefined length. The mobile object is connected to the upper rotation connector, through a flexible unit, so as to limit the oscillatory motion of the mobile object. When the mobile object oscillates with the fixed support position as centre, the extension object holds the oscillation object in the vertical direction from the support position. USE - For holding communication object in industrial and navigation apparatus. ADVANTAGE - Offers reliable and **efficient** holding operation. Improves application range. **Measures** inclination angle of oscillating object, independent of effect of oscillation and impact.

Dwg.1/2

Title Terms: BALANCE; SUPPORT; APPARATUS; MEASURE; DEVICE; INSTALLATION; SATELLITE; EXTEND; OBJECT; HOLD; OSCILLATING; OBJECT; VERTICAL; DIRECTION; FIX; SUPPORT; POSITION; MOBILE; OBJECT; OSCILLATING; FIX; SUPPORT; POSITION; CENTRE

Derwent Class: S02; S03; W02; W03

International Patent Class (Main): G01D-011/08

International Patent Class (Additional): G12B-005/00; H01Q-001/18

File Segment: EPI

13/5/18 (Item 13 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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011779175 **Image available**

WPI Acc No: 1998-196085/199818

XRAM Acc No: C98-062705

XRPX Acc No: N98-155318

Vehicle on-board computer method of diagnosing status of NO - x trap in exhaust passage of IC engine - involves purging trap to determine operating condition of lean mode engine, determination of its sorption efficiency and indication to on-board computer of time interval of purge relative to predetermined time interval

Patent Assignee: FORD GLOBAL TECHNOLOGIES INC (FORD)

Inventor: HEPBURN J S; HEPBURN J

Number of Countries: 004 Number of Patents: 006

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
GB 2318417	A	19980422	GB 9721750	A	19971015	199818 B
DE 19744738	A1	19980430	DE 1044738	A	19971010	199823
US 5743084	A	19980428	US 96732626	A	19961016	199824
JP 10121944	A	19980512	JP 97248584	A	19970912	199829
DE 19744738	C2	19991216	DE 1044738	A	19971010	200003
GB 2318417	B	20000607	GB 9721750	A	19971015	200031

Priority Applications (No Type Date): US 96732626 A 19961016

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
GB 2318417	A		26	F01N-007/00	
DE 19744738	A1		12	F01N-003/10	
US 5743084	A		11	F01N-003/20	
JP 10121944	A		8	F01N-003/20	
DE 19744738	C2			F01N-003/10	
GB 2318417	B			F01N-007/00	

Abstract (Basic): GB 2318417 A

The method of diagnosing the status of a NOx trap (32) disposed in an exhaust passage of an IC engine comprises the steps of:

- i) performing a purge of the trap after meeting predetermined lean mode engine operating criteria;
- ii) **determining** the sorption **efficiency** of the trap;
- iii) performing a SOx purge on the trap if the time duration falls below a predetermined minimum time interval;
- iv) and providing an indication of trap deterioration if the time interval between successive SOx purges is **less than** a predetermined time interval.

The system for monitoring the status of the NOx trap in an exhaust passage of an IC engine is also claimed.

USE - To monitor the status and performance of exhaust gas purification **devices installed** in the exhaust passage of an internal combustion engine.

ADVANTAGE -The method provides on-board information about the status of NOx traps inside IC engines.

Dwg.1/7

Title Terms: VEHICLE; BOARD; COMPUTER; METHOD; DIAGNOSE; STATUS; NO; TRAP; EXHAUST; PASSAGE; IC; ENGINE; PURGE; TRAP; DETERMINE; OPERATE; CONDITION; LEAN; MODE; ENGINE; DETERMINE; SORPTION; EFFICIENCY; INDICATE; BOARD; COMPUTER; TIME; INTERVAL; PURGE; RELATIVE; PREDETERMINED; TIME; INTERVAL

Derwent Class: E36; H06; J04; Q51; Q52

International Patent Class (Main): F01N-003/10; F01N-003/20; F01N-007/00

International Patent Class (Additional): F01N-003/08; F01N-003/24;

F01N-003/36; F01N-009/00; F02D-041/26

File Segment: CPI; EngPI

13/5/19 (Item 14 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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011069002 **Image available**

WPI Acc No: 1997-046926/199705

XRPX Acc No: N97-038881

Lathe machine with balancer mechanism used in performing adjustment processing of dynamic imbalance - has coupling which detachably connects main shaft provided at drive unit to install main body at one terminal of bed, to processed rotation object

Patent Assignee: TEIKOKU SEN-I KK (TEIR)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 8300244	A	19961119	JP 95109362	A	19950508	199705 B

Priority Applications (No Type Date): JP 95109362 A 19950508

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 8300244	A		5	B23Q-017/00	

Abstract (Basic): JP 8300244 A

The **machine** has a main body **installed** by a main shaft (20) provided at a drive unit (2), at one terminal of a bed (1) through a bearing (21). A moving body (10) is movably set to the axial direction of the main shaft on the other terminal. A couple of supports (3) with a rigidity **lower than** the main shaft bearing is provided as the support mechanism of a processed rotation object (G) between the main shaft and the centre (11) of the moving body.

A synchronisation detector (13) is provided near the processed rotation object, supported by each support in an oscillation detection device (12). The main shaft is detachably connected by a coupling (5) to the processed rotation object.

ADVANTAGE - Offers lathe with balancer mechanism which **efficiently** performs highly precise **measurement** amt. of dynamic imbalance without removal of conveyed processed rotation object after cut processing. Prevent workers from accident even when product and soil is damaged. Effectively maintains imbalance vibration during rotation of processed rotation object. Offers cost-effective lathe with balancer which minimises conveyance cost.

Dwg.1/8

Title Terms: LATHE; MACHINE; BALANCE; MECHANISM; PERFORMANCE; ADJUST; PROCESS; DYNAMIC; IMBALANCE; COUPLE; DETACH; CONNECT; MAIN; SHAFT; DRIVE; UNIT; INSTALLATION; MAIN; BODY; ONE; TERMINAL; BED; PROCESS; ROTATING; OBJECT

Derwent Class: P56; S02

International Patent Class (Main): B23Q-017/00

International Patent Class (Additional): B23Q-011/00; G01M-001/38

File Segment: EPI; EngPI

13/5/20 (Item 15 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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010965691 **Image available**

WPI Acc No: 1996-462640/199646

XRPX Acc No: N96-389904

Gas geyser with fault combustion detection function for gas appliance - stops combustion of burner if calculated thermal efficiency based on detection of burner gas quantity is lower than standard thermal efficiency

Patent Assignee: PALOMA KOGYO KK (PALO-N)

Number of Countries: 001 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 8233255	A	19960910	JP 9562072	A	19950224	199646 B
JP 3244995	B2	20020107	JP 9562072	A	19950224	200206

Priority Applications (No Type Date): JP 9562072 A 19950224

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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JP 8233255 A 7 F23N-005/02
JP 3244995 B2 7 F23N-005/02 Previous Publ. patent JP 8233255

Abstract (Basic): JP 8233255 A

The geyser has a heat exchanger (16) inclusive of a water tube (52) and a hot tap tube (14) and heated by a burner (20). A couple of temp. sensors (27,30) individually detect the temp. of water or hot water flowing in the water pipe and the hot tap tube, respectively.

A gas quantity sensor (24) detects the gas quantity supplied to the burner. By using the result from the gas quantity sensor, the thermal **efficiency** is **calculated**. If the **calculated** thermal **efficiency** is **lower** **than** the standard thermal efficiency, the combustion of the burner is halted.

ADVANTAGE - Promptly detects redn. in thermal efficiency of heat exchanger caused by closing in of metal oxide in heat **exchanger** fins. Ensures safety of gas **appliance** used with burner and heat **exchanger**

Dwg.1/2

Title Terms: GAS; GEYSER; FAULT; COMBUST; DETECT; FUNCTION; GAS; APPLIANCE; STOP; COMBUST; BURNER; CALCULATE; THERMAL; EFFICIENCY; BASED; DETECT; BURNER; GAS; QUANTITY; LOWER; STANDARD; THERMAL; EFFICIENCY

Derwent Class: Q73; Q74

International Patent Class (Main): F23N-005/02

International Patent Class (Additional): F23N-005/24; F24H-001/10

File Segment: EngPI

13/5/21 (Item 16 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2005 Thomson Derwent. All rts. reserv.

010919555 **Image available**

WPI Acc No: 1996-416506/199642

XRPX Acc No.: N96-350797

Ninety-nine count practice device for e.g. elementary school - has string attached to pin having zero numeric value out of ten pins positioned at equal intervals on periphery of circular board provided with chronologically arranged numeric values

Patent Assignee: CHIBA T (CHIB-I); YOSHINO M (YOSH-I)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 8202258	A	19960809	JP 9524520	A	19950120	199642 B

Priority Applications (No Type Date): JP 9524520 A 19950120

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 8202258	A		7	G09B-019/02	

Abstract (Basic): JP 8202258 A

The **device** has ten pins (P0-P9) **installed** at equal intervals to the periphery of a circular board (1). Each pin has corresp. numeric value in which the ten pins are chronologically arranged from zero to nine. A string (2) is attached to the pin which is provided with a zero numeric value.

ADVANTAGE - Confirms correct mental calculation result by attaching string to pin to which number is obtained correctly. **Efficiently** performs mental **calculation** practice of ninety-nine counts in short time. Easily memorises ninety-nine counts by having figure. Derives

more correct answers than wrong mental calculation through
recognised figure. Provides effective practice to elementary classes
for its easy-to-learn operation.

Dwg.1/7

Title Terms: NINETY; NINE; COUNT; PRACTICE; DEVICE; ELEMENTARY; SCHOOL;
STRING; ATTACH; PIN; ZERO; NUMERIC; VALUE; TEN; PIN; POSITION; EQUAL;
INTERVAL; PERIPHERAL; CIRCULAR; BOARD; CHRONOLOGICAL; ARRANGE; NUMERIC;
VALUE

Derwent Class: P85

International Patent Class (Main): G09B-019/02

File Segment: EngPI

13/5/22 (Item 17 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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010895830 **Image available**

WPI Acc No: 1996-392781/199639

XRPX Acc No: N96-331025

Electronic programming CATV guide on screen compressing - creating
decompression text is performed by serially scanning compressed text and
parsing it with binary tree, when terminal branch is reached character or
character string is added to decompressed text

Patent Assignee: TV GUIDE ON SCREEN (TVGU-N); NEWS AMERICA PUBLICATIONS INC
(NEWS-N); TELECOM COLORADO INC (TELE-N); NEWS AMERICAN PUBLICATIONS INC
(NEWS-N); TELECOM COLORADO (TELE-N)

Inventor: ELLIS M D; LAZARUS D B

Number of Countries: 026 Number of Patents: 010

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 5548338	A	19960820	US 95476208	A	19950607	199639 B
WO 9641423	A1	19961219	WO 96US7985	A	19960530	199705
AU 9661467	A	19961230	AU 9661467	A	19960530	199716
EP 830740	A1	19980325	EP 96919014	A	19960530	199816
			WO 96US7985	A	19960530	
CN 1193428	A	19980916	CN 96194480	A	19960530	199905
BR 9609128	A	19990824	BR 969128	A	19960530	200001
			WO 96US7985	A	19960530	
AU 712114	B	19991028	AU 9661467	A	19960530	200005
KR 99022677	A	19990325	WO 96US7985	A	19960530	200024
			KR 97709118	A	19971208	
JP 2001526004	W	20011211	WO 96US7985	A	19960530	200204
			JP 97500841	A	19960530	
JP 3299760	B2	20020708	WO 96US7985	A	19960530	200247
			JP 97500841	A	19960530	

Priority Applications (No Type Date): US 95476208 A 19950607

Cited Patents: 1.Jnl.Ref; EP 280549; EP 513925; US 5420923

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

US 5548338 A 16 H04N-007/08

WO 9641423 A1 E 26 H03M-007/42

Designated States (National): AU BR CA CN JP KR PL

Designated States (Regional): AT BE CH DE DK ES FI FR GB GR IE IT LU MC

NL PT SE

AU 9661467 A H03M-007/42 Based on patent WO 9641423

EP 830740 A1 E H03M-007/42 Based on patent WO 9641423

Designated States (Regional): AT BE CH DE DK ES FI FR GB GR IE IT LI LU

MC NL PT SE

CN 1193428 A H03M-007/42

BR 9609128	A	H03M-007/42	Based on patent WO 9641423
AU 712114	B	H03M-007/42	Previous Publ. patent AU 9661467
			Based on patent WO 9641423
KR 99022677	A	H03M-007/42	Based on patent WO 9641423
JP 2001526004	W	32 H03M-007/42	Based on patent WO 9641423
JP 3299760	B2	18 H03M-007/42	Previous Publ. patent JP 200126004
			Based on patent WO 9641423

Abstract (Basic): US 5548338 A

The method involves assembling data representative of an electronic programming guide and comprising a number of characters. A number of bits required to represent each of the characters in Huffman code is then determined. A number of candidate character strings is selected from the data, while the candidate character strings occurs **more than** a threshold number of times in the data and comprising at least two the characters. A **savings** value are then **calculated** for each of the candidate character strings using at least the number of bits required to represent in Huffman code each of the characters comprising the candidate character string.

At least one replacement character string is selected from the candidate character strings based on the savings values. A Huffman table is prepared which comprises Huffman codes for each of the number of characters and each of the at least one **replacement** character strings. The **electronic** programming guide is then compressed using the Huffman table.

USE/ADVANTAGE - For decompressing TV information contg electronic program guide. Allows **more than** 50% of data compression while decompression is performed in environment with moderate processing power and storage space.

Dwg.2/8

Title Terms: ELECTRONIC; PROGRAM; CATV; GUIDE; SCREEN; COMPRESS; DECOMPRESS
; TEXT; PERFORMANCE; SERIAL; SCAN; COMPRESS; TEXT; PARSE; BINARY; TREE;
TERMINAL; BRANCH; REACH; CHARACTER; CHARACTER; STRING; ADD; DECOMPRESS;
TEXT

Derwent Class: W02

International Patent Class (Main): H03M-007/42; H04N-007/08

International Patent Class (Additional): H04N-007/081; H04N-007/16

File Segment: EPI

?

Set	Items	Description
S1	0	AU=(TABER W? OR TABER, W?)
S2	13099571	INSTALL? OR REPLACE? OR REPLACING OR EXCHANG? OR OFFER? OR DEPLOY?
S3	179648	(ENERGY OR POWER OR ELECTRIC? OR UTILIT???) (5N) (EFFICIEN? - OR SAVE? ? OR SAVING?)
S4	77830	(SAVE? ? OR SAVING?) (7N) (MEASUR? OR CALCULAT? OR DETERMIN? OR COMPUTE OR COMPUTES OR COMPUTING OR ESTIMAT?)
S5	1158512	DISCOUNT? OR REBATE OR INCENTIVE?
S6	7908	S3(7N) (SELL??? OR RESELL? OR SOLD OR RESOLD OR REPURCHAS? - OR PURCHAS? OR BUY??? OR REBUY?)
S7	12860	S2(5N)S3
S8	50	S6(20X)S7
S9	24	S8 NOT PY>2000
S10	22	RD (unique items)

? show files

File 20:Dialog Global Reporter 1997-2005/Feb 28

(c) 2005 The Dialog Corp.

File 476:Financial Times Fulltext 1982-2005/Feb 28

(c) 2005 Financial Times Ltd

File 610:Business Wire 1999-2005/Feb 28

(c) 2005 Business Wire.

File 613:PR Newswire 1999-2005/Feb 28

(c) 2005 PR Newswire Association Inc

File 624:McGraw-Hill Publications 1985-2005/Feb 28

(c) 2005 McGraw-Hill Co. Inc

File 634:San Jose Mercury Jun 1985-2005/Feb 26

(c) 2005 San Jose Mercury News

File 810:Business Wire 1986-1999/Feb 28

(c) 1999 Business Wire

File 813:PR Newswire 1987-1999/Apr 30

(c) 1999 PR Newswire Association Inc

10/3,K/1 (Item 1 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter
(c) 2005 The Dialog Corp. All rts. reserv.

12577933 (USE FORMAT 7 OR 9 FOR FULLTEXT)
**U.S. Representative Martin Frost Joins CTX Mortgage Company and Fannie Mae
to Announce New Partnership to Provide \$5 Billion in Affordable Mortgage
Lending**

BUSINESS WIRE
August 28, 2000
JOURNAL CODE: WBWE LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 1343

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... market has opted to expand the product nationwide. CTX will also pilot Fannie Mae's "Timely Payment Rewards(SM)" mortgage in Dallas, reaching out to borrowers with past credit difficulties. In...Energy Efficient Mortgages - allow borrowers to qualify for larger loans by taking into consideration the savings on monthly utility expenses derived from purchasing a home built to energy efficient construction standards. Additional options allow borrowers to utilize rebates offered on energy efficient appliances as a source of down payment funds. This reduces the amount of cash from...

10/3,K/2 (Item 2 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter
(c) 2005 The Dialog Corp. All rts. reserv.

09432981 (USE FORMAT 7 OR 9 FOR FULLTEXT)
**THE WHITE HOUSE: Office of the Press Secretary -- President Clinton's
FY2001 climate change budget**

M2 PRESSWIRE
February 04, 2000
JOURNAL CODE: WMPR LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 994

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... the purchase of a new energy efficient home; a 20 percent tax credit for the purchase of selected energy efficient products for homes and buildings; and a \$1000-2000 credit for installing a solar energy system.

-- Tax credits for fuel-efficient cars. The package extends the current tax credit (up to \$4000) through 2006 for qualified

10/3,K/3 (Item 3 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter
(c) 2005 The Dialog Corp. All rts. reserv.

08864102 (USE FORMAT 7 OR 9 FOR FULLTEXT)
The Modesto Bee, Calif., Consumer Focus Column
Tim Moran
KRTBN KNIGHT-RIDDER TRIBUNE BUSINESS NEWS (MODESTO BEE - CALIFORNIA)
December 24, 1999
JOURNAL CODE: KMOB LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 725

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... appeal to consumers -- it's good business.
And consumers who are aware of the program **buy** the products because it **saves** them money.
For instance:
An **Energy** Star-rated compact florescent light bulb that **replaces** a standard incandescent bulb will save a minimum of \$25 in **energy** costs over the life of the bulb.
An Energy Star-compliant refrigerator can save \$275

10/3,K/4 (Item 4 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter
(c) 2005 The Dialog Corp. All rts. reserv.

07892032 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Building Industry Shows Renewed Interest in Solar-Energy
Alan J. Heavens
KRTBN KNIGHT-RIDDER TRIBUNE BUSINESS NEWS (PHILADELPHIA INQUIRER - PENNSYLVANIA)
October 22, 1999
JOURNAL CODE: KPIN LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 1467

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... Gainesville or Las Vegas," Tooley said.
Though all of these examples are in warmer climates, **energy - efficient** construction can be a **selling** point for builders everywhere -- if, of course, the builders do the job correctly.
"A well-designed, properly **installed**, energy- **efficient** home means fewer service calls," said Mark Magrann of Magrann Associates in Mount Laurel, an... Eight inches on center is the industry standard, but some contractors aren't taking the **time** to staple."
There is a federal law that if the right amount of insulation has...

10/3,K/5 (Item 5 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter
(c) 2005 The Dialog Corp. All rts. reserv.

04715890 (USE FORMAT 7 OR 9 FOR FULLTEXT)
ENERGYguide.com Helps New Yorkers Understand and Benefit From Utility Deregulation
BUSINESS WIRE
March 22, 1999
JOURNAL CODE: WBWE LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 589

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... with the ability to lower their energy bills--and reduce the environmental impact of their **energy** usage--through **energy efficiency**. Consumers can evaluate and **purchase energy - efficient** appliances and other items online in the ENERGYgear feature of ENERGYguide.com."
ENERGYgear **offers** more than 100 energy- **efficient** products, representing over 25 major manufacturers. In ENERGYgear, consumers can learn the price and features of a product and purchase name-brand items, including energy-efficient light bulbs, programmable thermostats, **water**

filters, and insulation products online. Depending on where a consumer lives, many products on ENERGYgear...

10/3,K/6 (Item 1 from file: 610)
DIALOG(R)File 610:Business Wire
(c) 2005 Business Wire. All rts. reserv.

00432249 20001221356B0375 (USE FORMAT 7 FOR FULLTEXT)
Energyguide.com Helps Ohio Consumers Lower Their Energy Bills Through Both Energy Efficiency and Deregulation-Beat the Energy Blues Contest: Energyguide will Pay a Winter's worth of heating bills for winner
Business Wire
Thursday, December 21, 2000 10:46 EST
JOURNAL CODE: BUSINESS WIRE, COMTEX LANGUAGE: ENGLISH RECORD TYPE:
FULLTEXT
DOCUMENT TYPE: NEWSWIRE
WORD COUNT: 466

TEXT:
...investing a lot of time or money on home repairs. The site also offers online **purchasing of energy efficient** appliances and other items.
For Ohio consumers who are waiting eagerly to take advantages of the **savings** under electricity deregulation, Energyguide is **offering** an email notification service, which will inform them when competitive offers become available in their

10/3,K/7 (Item 1 from file: 624)
DIALOG(R)File 624:McGraw-Hill Publications
(c) 2005 McGraw-Hill Co. Inc. All rts. reserv.

01073465
CLINTON 2001 BUDGET AIMS TO ENSURE RELIABILITY, SECURITY OF POWER GRID
Electric Utility Week, Vol. 21, No. 7, Pg 3
February 14, 2000
JOURNAL CODE: EUW
SECTION HEADING: RATES & REGULATION ISSN: 0046-1695
WORD COUNT: 969

TEXT:
... billion for agency programs. Tax incentives would include credits of \$1,000-\$2,000 for **purchases of energy - efficient** homes and for installing solar **energy** systems. A 20% credit would be **offered** for the purchase of certain energy- **efficient** products and buildings.

The White House also proposed a \$200-million multi-agency initiative to ...

10/3,K/8 (Item 2 from file: 624)
DIALOG(R)File 624:McGraw-Hill Publications
(c) 2005 McGraw-Hill Co. Inc. All rts. reserv.

01071254

CLINTON PROPOSES CLEAN ENERGY DOLLARS IN BUDGET, STATE OF THE UNION ADDRESS
Utility Environment, Vol. 193, No. 43, Pg 1
February 11, 2000
JOURNAL CODE: UER
ISSN: 1503-9379
WORD COUNT: 623

TEXT:

... to combat global warming. Tax incentives would include credits of \$1,000-\$2,000 for **purchases of energy - efficient** homes and for installing solar **energy** systems. A 20% credit would be **offered** for the purchase of certain energy- **efficient** products and buildings.

The White House also proposed a \$200-million multi-agency initiative to ...

10/3,K/9 (Item 3 from file: 624)
DIALOG(R)File 624:McGraw-Hill Publications
(c) 2005 McGraw-Hill Co. Inc. All rts. reserv.

00836060

ONSITE ENERGY FORMS ALLIANCE WITH WASH.-BASED POWER RESOURCE MANAGERS
Energy Services & Telecom Report (formerly DSR), Vol. 16, No. 7, Pg 5
February 13, 1997
JOURNAL CODE: DSR
SECTION HEADING: Ventures ISSN: 1286-4008/96
WORD COUNT: 225

TEXT:

... to make that usage more efficient and smooth out loads will be mapped out, and **power purchase savings** maximized.

These services will be free if the customer chooses follow-up services such as **power** management and **installation of energy saving** equipment.

David Kolk, PRM's vice president of economics and regulatory affairs in its Ontario...

10/3,K/10 (Item 4 from file: 624)
DIALOG(R)File 624:McGraw-Hill Publications
(c) 2005 McGraw-Hill Co. Inc. All rts. reserv.

00835504

ONSITE ENERGY AND A POWER MARKETER ALLY TO OFFER HELP WITH DIRECT ACCESS
Power Markets Week, Vol. 24, No.5, Pg 6
February 3, 1997
JOURNAL CODE: PMW
SECTION HEADING: POWER MARKETERS ISSN: 1078-9820
WORD COUNT: 268

TEXT:

... out ways to make that usage more efficient and to smooth out loads and maximize **power purchase savings** .

These planning services will be free if the customer chooses follow-on services such as **power** management and **installation** of **energy efficiency** projects.

David Kolk, PRM's vice president of economics and regulatory affairs in its Ontario...

10/3,K/11 (Item 5 from file: 624)
DIALOG(R)File 624:McGraw-Hill Publications
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0709296

MASS. PARTNERSHIP UNVEILS AMBITIOUS \$51-MILLION, 5-YEAR EFFICIENCY PLAN

Electric Utility Week's Demand Side Report, Pg 3

October 26, 1995

JOURNAL CODE: DSR

SECTION HEADING: PROGRAMS ISSN: 1065-8696

WORD COUNT: 456

TEXT:

... use the federal seed money to leverage \$67 from private and local investors for every \$ 1 contributed by the DOE. The goal is to cut consumption by 26%, or 47,000...

...two or more buying alliances, which will ``piggyback" on larger regional and national alliances, to **purchase energy efficient** chillers, refrigerators, toilets, air conditioners, hot water systems and other equipment.

Through the program, performance-based contractors will **offer energy efficiency** assessments and technical assistance for commercial and multi-family buildings. The state Division of Energy...

10/3,K/12 (Item 6 from file: 624)
DIALOG(R)File 624:McGraw-Hill Publications
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0531730

PEPCO LAUNCHES THIRD COUPON PROGRAM

Electric Utility Week's Demand Side Report, Pg 2

November 25, 1993

JOURNAL CODE: DSR

ISSN: 1065-8696

WORD COUNT: 117

TEXT:

...600 homes, the utility said.

The coupons offer discounts of up to 75% for the **purchase** of a wide range of **energy - efficient** lighting **purchased** from approximately 200 participating retail sites who agreed to handle the bulbs specified by PEPCO.

In addition to lighting, the **utility** has been offering coupons for **savings** on **electric** water-heater wraps, pipe insulation, and shower heads.

10/3,K/13 (Item 7 from file: 624)
DIALOG(R)File 624:McGraw-Hill Publications
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0496717

PSE&G LAUNCHES DSM STANDARD OFFER FOR 150 MW AFTER SIX-MONTH DELAY

Northeast Power Report, Pg 1

May 28, 1993

JOURNAL CODE: NPR

ISSN: 1049-1562

WORD COUNT: 465

TEXT:

... payments over a contracted period up to 15 years in return for measured energy savings **based** on PSE&G's avoided costs.

The standard offer initially puts 150 MW of energy...

... conservation programs, in which utilities provide customers with a one-time cash rebate for the **purchase** of **energy efficiency** equipment. In those programs, customers are usually under no obligation to demonstrate that **energy** was saved.

Under the the standard **offer**, PSE&G will provide monthly payments for kWh savings and for therms of natural gas...

10/3,K/14 (Item 8 from file: 624)
DIALOG(R)File 624:McGraw-Hill Publications
(c) 2005 McGraw-Hill Co. Inc. All rts. reserv.

0496468

CONOWINGO FILES 1993 CONSERVATION PLAN WITH REGULATORS IN MARYLAND

Northeast Power Report, Pg 9

January 8, 1993

JOURNAL CODE: NPR

SECTION HEADING: DSM ISSN: 1049-1562

WORD COUNT: 273

TEXT:

... utility will launch four new demand-side programs this year. The residential lighting program will **sell energy efficient** bulbs at a discount and the residential "House Doctor" program will consist of home energy audits before **installing**, at a reduced cost, energy **saving** measures such as weather stripping and water heater wraps.

The public sector lighting program will...

...lighting in schools and other government buildings. The utility plans to extend the program to **privately** -owned buildings in the future.

The industrial audit program, which will be limited to manufacturing...

10/3,K/15 (Item 1 from file: 810)
DIALOG(R)File 810:Business Wire
(c) 1999 Business Wire . All rts. reserv.

0688148 BW0130

PG & E: Save loads, get PG&E rebate with energy-efficient washer

April 04, 1997

Byline: Business Editors

...April 4, 1997, for a limited time, PG&E is offering rebates for those who **purchase** qualifying, **energy - efficient** clothes washers. The rebates range from a minimum of \$75 to \$175, depending on the washer's **energy efficiency** . Also, participating water **utilities** are **offering** additional \$75 rebates for conserving water.

This is on top of the savings from just...

10/3,K/16 (Item 2 from file: 810)
DIALOG(R)File 810:Business Wire
(c) 1999 Business Wire . All rts. reserv.

0616878 BW0084

PACIFIC GAS & ELECTRIC: Save Loads with an Energy-Efficient Washing Machine

August 22, 1996

Byline: Business Editors & Energy/Environmental Writers

...a year.

The savings don't stop there. PG&E is offering a rebate for **purchasing** a qualifying, **energy - efficient** clothes washer. The rebate ranges from a minimum of \$150 to \$225, depending on the washer's **energy efficiency** . And participating water **utilities** are **offering** additional \$75 rebates for conserving water.

This is on top of the savings from just...

10/3,K/17 (Item 3 from file: 810)
DIALOG(R)File 810:Business Wire
(c) 1999 Business Wire . All rts. reserv.

0335238 BW639

PSE & G ENERGY CONSERVE: Innovative New Energy Conservation Program pays for energy savings

May 19, 1993

Byline: Business Editors

...President Lawrence R. Codey. "It does everything an energy conservation program is supposed to do and then some. The Standard Offer is the first program that actually allows utilities to measure...

...typical energy conservation programs, utilities provide customers with a one-time cash rebate for the **purchase of energy efficiency** equipment. Customers, however, are under no obligation to demonstrate that **energy** has been saved.

Under the Standard **Offer**, PSE&G provides monthly payments for kilowatt-hours of electricity and therms of natural gas...

10/3,K/18 (Item 4 from file: 810)
DIALOG(R)File 810:Business Wire
(c) 1999 Business Wire . All rts. reserv.

0271586 BW155

ARIZONA PUBLIC SERVICE: Arizona utility takes environmental education course statewide

March 31, 1992

Byline: Business Editors/Environment and Education Writers

...in early 1991.
When survey results of the first 1,105 students showed an "exciting" **impact** on students and their families regarding environmental awareness and habits, APS began phasing in the...

...low-flow showerheads, reducing air conditioner use and recycling household waste.

Other parents said they **purchased energy - saving** appliances, insulated the roof and walls of their homes and **replaced** incandescent light bulbs with energy- **efficient** fluorescent lighting. Eight-nine percent of the students' parents rated the program as "good" or...

10/3,K/19 (Item 5 from file: 810)
DIALOG(R)File 810:Business Wire
(c) 1999 Business Wire . All rts. reserv.

0101646 BW698

BOSTON EDISON: Boston Edison: The Summer of '88

September 6, 1988

Byline: News And Business Editors

...gives you an idea of how tight an energy situation we face in New England."

New Englanders were scorched with plus 90 degree temperatures 24 times over the three-month period...

...took advantage
of the company's newest conservation initiative and received a \$20
rebate for **purchasing an energy efficient** window air conditioner this
summer.

Boston Edison now **offers** 30 energy- **saving** programs to the 600,000
customers the company serves in 40 cities and towns in...

10/3,K/20 (Item 1 from file: 813)
DIALOG(R)File 813:PR Newswire
(c) 1999 PR Newswire Association Inc. All rts. reserv.

1243461 PHM041
Golden Arches Sign With PECO Energy For Savings

DATE: March 16, 1998 11:35 EST WORD COUNT: 527

... franchisees will have the opportunity to receive a credit that can be
applied to the **purchase of energy efficient** products or services
available through PECO Energy. These include the **installation** of new,
more energy **efficient** equipment; heating, ventilating, and air
conditioning upgrades and replacements, lighting retrofits, operations and
maintenance.

"By...

10/3,K/21 (Item 2 from file: 813)
DIALOG(R)File 813:PR Newswire
(c) 1999 PR Newswire Association Inc. All rts. reserv.

0867500 LA012
ONSITE ENERGY ANNOUNCES AGREEMENT WITH MAJOR AUTOMAKER

DATE: October 6, 1995 09:30 EDT WORD COUNT: 265

...provide
energy efficiency services at an automobile assembly plant in New
Jersey. Onsite will provide **energy efficiency** equipment
purchase /installation services and project management services for the
installation of energy **efficiency** retrofit measures at the facility.
Revenues to Onsite for the project are estimated to be...

10/3,K/22 (Item 3 from file: 813)
DIALOG(R)File 813:PR Newswire
(c) 1999 PR Newswire Association Inc. All rts. reserv.

0451315 DE003
CONSUMERS POWER INITIATES \$65 MILLION CONSERVATION PROGRAM

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...offered to all residential electric customers,
regardless of income, which provide a rebate towards the **purchase** of
high- **efficiency** appliances and other **energy saving** measures;

For commercial and industrial **electric** customers of Consumers Power

the following Reduce the Use services will be offered in April 1992:

- For small customers, free installation of various energy-conserving devices, including **efficient** lighting;

- For larger customers, rebates to cover partial costs for installing energy-conservation measures, including...

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